



APPENDIX TO  
**The Calcutta Gazette.**

WEDNESDAY, JANUARY 2, 1901.

**NOTICES TO MARINERS.**

**GOVERNMENT OF BENGAL—MARINE DEPARTMENT.**

NOTICE TO MARINERS—No. 340.

[First Publication.]

**AFRICA, EAST COAST—ZANZIBAR.**

*Electric light from the Sultan's Palace Tower.*

The following Notice to Mariners issued by the Bombay Government (No. 108 of 1900) republished:—

"Commanders of vessels approaching Zanzibar by night are requested to take notice of the electric light from H. H. the Sultan's Palace Tower is exhibited between the hours 6 P.M. and 11 P.M., and is visible about 18 miles."

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

**GOVERNMENT OF BENGAL—MARINE DEPARTMENT.**

NOTICE TO MARINERS—No. 341.

[First Publication.]

**INDIA, WEST—BOMBAY COAST.**

*Port of Mangalore—Derelict.*

THE Bombay Government has given notice (No. 109 of 1900) of the existence, on 12th December 1900, of a derelict, bottom up, in sixteen fathoms off the Port of Mangalore.

Approximate position—

Latitude  $12^{\circ} 28' N.$

Longitude  $74^{\circ} 50' E.$

The derelict is dangerous to navigation and is reported drifting northwards.

This Notice affects the following Admiralty Charts:—*Mulk to Mount Dilli, No 746; Vizianagur to Cochin, No. 2737; Also, West Coast of Hindustan Pilot, 1898, page 145.*

E. J. BEAUMONT, COMDR., R.I.M.,  
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## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 342.

[First Publication.]

INDIA, WEST—KATHIAWAR COAST.

*Dwarka point—New light exhibited.*

WITH reference to Notice to Mariners No. 268, dated the 20th October last, issued by this office, the Bombay Government has further notified (No. 111 of 1900) that information has been received from the Resident at Baroda, dated 16th December 1900, that a new light has been exhibited from Dwarka Point and the light ship has been withdrawn.

*This Notice affects the following Admiralty Charts:—Dwarka Point to Div Head No. 1420; Gulf of Cutch, No. 43; Coasts of Sind and Cutch, No. 42; Gulf of Cutch to Viziadurg, No. 2736; Karachi to Vengurla, No. 826; Arabian Sea, No. 1012, and Indian Ocean, northern portion, No. 7486; Also, West Coast of Hindustan Pilot, 1898, page 267; and Light List, part VI, 1900, No. 211.*

E. J. BEAUMONT, COMDR., R.I.M.,  
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## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 343.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

*Shortt's island light.*

IN continuation of Notice to Mariners No. 333, dated the 20th December, it is hereby notified that a sixth order dioptric fixed light was exhibited from a masonry tower, Shortt's island, since the night of the 13th September, visible 12 miles in clear weather, between the bearings of south through west to west-north-west magnetic.

*(This cancels Notice to Mariners No. 235, dated 14th September last.)*

E. J. BEAUMONT, COMDR., R.I.M.,  
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CALCUTTA, the 29th December 1900.

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## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 344.

[First Publication.]

CHINA SEA.

*Tong King gulf—Approaches to Haifong.**Kua nam Trieu outer light, destroyed—Buoy temporarily established.*

WITH reference to Notice to Mariners No. 280, dated 26th October 1900, issued by this office, the British Admiralty has given further notice (No. 796 of 1900) that the lighthouse on piles, on the bar of Kua nam Trieu, erected in a depth of 16 feet at low water, is approximately lat.  $20^{\circ} 43' 15''$  N., long.  $106^{\circ} 54' 35''$  E., was destroyed during a typhoon, the light (fixed white) is discontinued in consequence, but a conical buoy painted green, and marked No. 3, has been temporarily placed to mark the position occupied by the lighthouse (Notice No. 796 of 1900.)

*This Notice affects the following Admiralty Charts:—Kua Lacht to Kao Kao shan islands No. 1965; Approaches to Haifong, No. 775; Also, China Sea Directory, vol II., 1899, page 445; List of Lights, part VI., 1900, page 110.*

E. J. BEAUMONT, COMDR., R.I.M.,  
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GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 345.

[First Publication.]

AUSTRALIA—QUEENSLAND.

*Cleveland bay.—Tidal signals at Townsville.*

THE British Admiralty has given notice (No. 802 of 1900) that, on and after 1st January 1900, the following signals, to indicate the actual rise of the tide above low water, will be made from the Pilot station at Townsville:—

| Height of Tide.<br>Ft. in. | Signal by Day.                         | Signal by Night.                    |
|----------------------------|--|-------------------------------------|
| 0 6                        | Cylinder ...                           | White light.                        |
| 1 0                        | Two cylinders, horizontal ...          | Two white lights, horizontal.       |
| 1 6                        | Ditto, vertical ...                    | Ditto, vertical.                    |
| 2 0                        | Cone ...                               | Green light.                        |
| 2 6                        | Two cones, horizontal ...              | Two green lights, horizontal.       |
| 3 0                        | Ditto, vertical ...                    | Ditto, vertical.                    |
| 3 6                        | Ball ...                               | Red light.                          |
| 4 0                        | Two balls, horizontal ...              | Two red lights, horizontal.         |
| 4 6                        | Ditto, vertical ...                    | Ditto, vertical.                    |
| 5 0                        | Cone and cylinder horizontal ...       | Green and white lights, horizontal. |
| 5 6                        | Cylinder above cone ...                | White above green light.            |
| 6 0                        | Ditto below do. ...                    | Green do. white do.                 |
| 6 6                        | Ball and cylinder, horizontal ...      | Red and white lights, horizontal.   |
| 7 0                        | Cylinder above ball ...                | White above red light.              |
| 7 6                        | Ditto below do. ...                    | Red do. white do.                   |
| 8 0                        | Ball and cone horizontal ...           | Do. and green lights, horizontal.   |
| 8 6                        | Cone above ball ...                    | Green above red light.              |
| 9 0                        | Do. below do. ...                      | Red above green light.              |
| 9 6                        | Cylinder, and cylinder above cone. ... | White, and white above green light. |
| 10 0                       | Cone, and cylinder above cylinder. ... | Green, and white above white light. |
| 10 6                       | Cone, and cone above cylinder ...      | Green, and green above white light. |
| 11 0                       | Cylinder, and cone above cone... ..    | White, and green above green light. |
| 11 6                       | Ball, and ball above cylinder ...      | Red, and red above white light.     |
| 12 0                       | Cylinder, and ball above ball ...      | White, and red above red light.     |

The above figures should be added to the depth in the cuttings to give the depth in the channel.

The depths at low water ordinary springs at present are—

|                                |                |
|--------------------------------|----------------|
| (a) Platypus channel ...       | ... 15 feet.   |
| (b) Ross Creek bar (rocky) ... | ... 18 inches. |

Approximate position, lat. 19° 15' S., long. 146° 50' E.

NOTE.—The Platypus channel is the dredged cut into the harbour. (Notice No. 802 of 1900.)

\*This Notice affects the following Admiralty Chart:—Cleveland bay, No. 1102; Also, Australia Directory, Vol. II, 1898, page 305.

E. J. BEAUMONT, COMDR., R.I.M.,  
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Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 346.

[First Publication.]

AUSTRALIA, NORTH-WEST COAST.

*Shoal north-westward of Lacepede islands.*

THE British Admiralty has given notice (No. 804 of 1900) of the existence of a patch of 2 fathoms situated on, or close to, the banks north-westward of the Lacepede islands.



From the shoal, the east extreme of East La cepede island bears S. 66° E., distant 10 miles. (Notice No. 804 of 1900.)

\* Approximate position, lat. 16° 47' 15" S., long 122° 3' 30" E.

(Variation 1½° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—North-west coast of Australia, No. 475; Buccaneer archipelago to Badont island, No. 1048; Hall point to cape Berth, No. 1052; Also, Australia Directory, vol. III., 1895, page 255.

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CALCUTTA, the 29th December 1900.

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#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 347.

[First Publication.]

PACIFIC OCEAN—ALLIGATOR SHOAL.

Non-existence of this shoal.

THE British Admiralty has given notice (No. 805 of 1900) that as there is no direct evidence of its existence, but that there is direct evidence that it certainly does not exist at the position assigned, viz., in lat. 15° 6' N., long. 154° 20' E., it has been expunged from the Admiralty Charts. (Notice No. 805 of 1900.)

This Notice affects the following Admiralty Charts:—Atlantic and Indian oceans, No. 24; Pacific ocean, Nos. 2683 and 781; Also, Pacific islands, vol. I, 1900, page 450; China Directory, vol. IV., 1894, page 203; and Supplement, 1898, page 11.

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Published for general information.

CALCUTTA, the 29th December 1900.

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#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 348.

[First Publication.]

BAY OF BENGAL—SIAMESE COAST.

Sunken rock eastward of South Cone island.

THE British Admiralty has given notice (No. 806 of 1900) of the existence of a rock of which the steam-vessel *Perse* was wrecked in August last, situated eastward of South Cone island.

The rock, which has about 6 feet over it, is situated with North Cone island bearing N. 35° W., distant about 2 miles, and South Cone island S. 88° W., or approximately lat. 6° 49' 40" N., long. 99° 36' 45" E. (Notice No. 806 of 1900.)

This Notice affects the following Admiralty Charts:—Bassein river to Pulo Penang, No. 830; Sayer islands to Lankawi island, No. 842; Also, China Sea Directory, vol. I., 1894, page 133.

E. J. BEAUMONT, COMDR., R.I.M.,  
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Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 333.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Shortt's island beacon removed.

WITH reference to Notice to Mariners, No. 235, dated the 14th September last, issued by this office, the Port Officer, Chandbally, has given further notice that owing to erosion Shortt's island beacon has been shifted 860 feet south-west of former position.

E. J. BEAUMONT, COMDR., R.I.M.,  
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Published for general information.

CALCUTTA, the 20th December 1900.

C. B. BAYLEY,  
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## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 334.

[Second Publication.]

AFRICA, SOUTH—CAPE COLONY.

*Kowie river (port Alfred)—Information respecting it.*

NOTICE to Mariners (No. 786 of 1900) issued by the British Admiralty is republished.

The following information respecting Kowie river has been taken from the Cape of Good Hope Government Gazette, dated 23rd October 1900:—

**WINDS AND CURRENTS.**—The prevailing winds in summer are from an easterly to south-easterly direction during the day, calms and light airs off the land at night, but occasionally a strong south-east wind blows continuously day and night for two or three days.

During the winter, westerly winds blow with bad weather at times, but a gale may be blowing in the offing when it is fine near the coast.

The Agulhas current sets to the westward sometimes very strongly at a distance of 5 to 25 miles from the coast, and a current sometimes setting against the wind is experienced in the roadstead (assisting vessels to ride), which prevents the regular tidal ebb and flow being perceptible.

**THE BAR.**—The bar is composed of sand over rock, westerly and south-westerly gales send in a heavy swell which deposits more sand on the bar, making it impassable for two or three days; this deposit, however, is usually scoured out by the following spring tides. The passage over the bar in consequence varies considerably in direction, position and depth.

**DIRECTIONS, &c.**—Upon a vessel appearing off the port, the Harbour Master, who is also Shipping Master, will come on board, if weather permits, and point out a berth, otherwise a birth will be signalled from the Port office. The best anchorage is in from 15 to 17 fathoms, with the entrance of the river open and the Port office flag-staff on the western bank near the entrance, bearing N. 25° W., the holding ground here being good and the position outside the rollers. The holding ground in other areas is generally not good, being sand over patches of rock. The anchor should be buoyed, coir riding stoppers being used for the cables, and arrangements made for slipping in case of bad weather, when the end of the cable must also be buoyed.

Top gallant yards and masts should be struck, the topsails double reefed, and the vessel always kept ready for sea, strict attention being paid to all signals made from the Port office so that there will be no delay in putting to sea when the signal to do so is made. By keeping within 12 miles of the coast the very heavy sea which gets up outside that distance, due to the Agulhas current, will be avoided.

All vessels visiting this port should be provided with the best ground tackle and a stout coir spring to ride by.

With the wind from the eastward or westward it is preferable to ride at single anchor with a whole cable and a spring on, but with a southerly wind and dirty weather, and with no chance of putting to sea, it is better to give the vessel a good sheer, let go a second anchor before veering on the first, and then veer both cables together.

Masters are strongly advised to remain on board as much as possible, and to exercise discretion in permitting boats to leave their vessels at any time as accidents have occurred through drifting.

**SIGNALS.**—Mariners can communicate their wishes to their agents through the Port office by use of the Commercial Code, and every assistance will be rendered as far as practicable.

Vessels not possessing the Commercial Code can make the following signals:—

- |                                   |     |                              |
|-----------------------------------|-----|------------------------------|
| 1. Ensign in fore topmast rigging | ... | I am in want of a cable.     |
| 2. Ditto main ditto               | ... | Ditto an anchor.             |
| 3. Ditto fore rigging             | ... | I have parted a bower cable. |
| 4. Ditto main do.                 | ... | Want an anchor and cable.    |
| 5. Weft—where best seen           | ... | I want assistance.           |

**WEATHER SIGNALS.**—The following signals will be shown from the Port office:—

- |   |     |   |
|---|-----|---|
| 1. A black ball over union jack                         | ... | Veer about 70 fathoms, see second anchor clear.   |
| 2. Ditto under do.                                      | ... | Put to sea at once, get an offing.  |
| 3. Flag (blue, white, blue horizontal) over union jack. | ... | Send down top-gallant yards and mast, point yards, see everything clear for working ship as far as practicable. |
| 4. Union jack over white and blue flag                  | ... | See third anchor clear and prepare for bad weather.   |
| 5. Union jack over red, white, blue (vertical) flag.    | ... | Heave up second anchor and shorten into same scope as before.   |

## BAR SIGNALS:—

1. Black ball at western yardarm ... Bar impassable.
2. Ditto hoisted half-way up ... Bar dangerous.
3. A working flag (red pierced white) will be hoisted when the bar is practicable for tug boats and lighters; it will be kept half mast when special caution is necessary in crossing the bar, and hauled down altogether when the bar is impassable. Pilots are always in readiness with a steam tug to take vessels in or out, and no vessel should attempt to enter the river even in most favourable weather without a pilot. No ships' boats should attempt to cross the bar, however smooth it may appear.

The whole of the above signals are to be answered by the answering pennant hoisted where best seen, and promptly acted upon, neglect to do so will be reported to Lloyds, and also to the owner. Masters, however, should not necessarily wait for the signals, but take timely precautions. The first rise of a low barometer indicates a strong westerly gale, the first fall of a high barometer foretells a strong easterly gale with short chopping sea.

Port Alfred is in telegraphic and daily postal communication with Cape Colony generally, and railway connection will follow very shortly. (*Notice No. 786 of 1900.*)

Approximate position, lat.  $33^{\circ} 36'$  S., long.  $26^{\circ} 54'$  E.

(*Variation  $30^{\circ}$  Westerly in 1900.*)

*This Notice affects the following Admiralty Chart:—Kowie river No. 1223: Also, Africa Pilot, part III., 1897, pages 136 to 139; and Supplement 1900, page 8.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th December 1900. C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 335.

[Second Publication.]

CHINA SEA—TONG KING GULF.

*Haifong approach—Alteration in light.*

With reference to Notice to Mariners No. 113, dated the 27th April 1900, issued by this office, the British Admiralty has given further notice (No. 790 of 1900) that the light exhibited from the beacon situated about  $3\frac{1}{2}$  miles N.  $15^{\circ}$  W. from De Son point, Kua Kam, has been replaced by a white fixed dioptric light of 6th order, elevated 30 feet above high water, and visible from the bearing of N.  $48^{\circ}$  W., through north and east, to S.  $12^{\circ}$  W.; it is shown from a pile structure painted red, surmounted by a pole. (*Notice No. 790 of 1900.*)

Approximate position, lat.  $20^{\circ} 46\frac{1}{2}'$  N., long.  $106^{\circ} 46\frac{1}{2}'$  E.

(*Variation  $2^{\circ}$  Easterly in 1900.*)

*This Notice affects the following Admiralty Chart:—Approaches to Haifong, No. 775: Also, List of Lights, part VI, 1900, No. 682; and China Sea Directory, vol. II, 1899, page 441.*

E. J. BEAUMONT, COMDR., R.I.M.,  
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Published for general information.

CALCUTTA, the 20th December 1900. O. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 336.

[Second Publication.]

INDIA, WEST—MALABAR COAST.

*Cochin—Exhibition of a temporary fixed white light.*

THE Presidency Port Officer, Madras, has given notice (No. 46 of 1900) that during the alterations to the light at Cochin, a temporary Fixed White Light will be exhibited from a platform near the existing tower. The date of exhibition of this light will be notified in due course.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th December 1900. C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 337.

[Second Publication.]

INDIA, SOUTH-EAST—CEYLON, NORTH COAST.

*Pamban.—Exhibition of a temporary fixed white light.*

THE Presidency Port Officer, Madras, has given notice (No. 46 of 1900) that during the alterations to the light at Pamban, a temporary Fixed White Light will be exhibited from a platform near the existing tower. The date of exhibition of this light will be notified in due course.

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

CALCUTTA, the 20th December 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 338.

[Second Publication.]

INDIA, EAST—MADRAS COAST.

*Pulicat.—Exhibition of a temporary fixed white light.*

THE Presidency Port Officer, Madras, has given Notice (No. 48 of 1900) that during the alterations to the light at Pulicat, a temporary Fixed White Light will be exhibited from a platform near the existing tower. The date of exhibition of this light will be notified in due course.

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

CALCUTTA, the 20th December 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 339.

[Second Publication.]

INDIA, EAST—MADRAS COAST.

*Armeghon.—Exhibition of a temporary fixed white light.*

THE Presidency Port Officer, Madras, has given notice (No. 49 of 1900) that during the alterations to the light at Armeghon, a temporary Fixed White Light will be exhibited from a platform near the existing tower. The date of exhibition of this light will be notified in due course.

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

CALCUTTA, the 20th December 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 321.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

*Balasore river—The New Elfin Channel.*

THE Port Officer, Chandbally, has given notice that the new Elfin Channel has improved, and there is now 8 feet on the bar at low water spring-tides.

The Elfin fairway buoy has been shifted 2,000 feet N. 16° W. of former position in 12 feet reduced; Chandipur flagstaff bearing from buoy N. 79° W. and North point mark N. 45° W. The fairway leading marks for this channel have been shifted from the north to south side of the Burrabulang river entrance and now bear in transit N.W. by W. All bearings are magnetic.

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

CALCUTTA, the 11th December 1900.



GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 322.

[Third Publication.]

AUSTRALIA—ALBERT BAR.

*Position of a sunken wreck.*

With reference to Notice to Mariners No. 293, dated the 15th November last, issued by this Office, the Port Master, Brisbane, has given notice (No. 21 of 1900) informing Masters of vessels that a Green Buoy now marks the position of the sunken wreck in 3 fathoms, about  $\frac{1}{2}$  mile N. W. by W. from the Fairway Buoy.

*Charts affected, 1043 and 1703; and Australia Directory, vol. 2.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 323.

[Third Publication.]

AFRICA, EAST—PORT OF MOMBASSA.

*Date of exhibition of Ras Serani light.*

With reference to Notice to Mariners No. 236, dated the 17th instant, issued by this Office, the Port Officer, Mombassa, has given further notice that a fixed white light visible at a distance of 13 miles will be exhibited on and after the 8th October 1900 at Ras Serani.

Visible from N.  $60^{\circ}$  E. to S.  $20^{\circ}$  W. ( $140^{\circ}$ ).

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

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CALCUTTA, the 13th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 324.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, EAST COAST.

*Saputi river approach—Wreck.*

THE British Admiralty has given notice (No. 760 of 1900) that the wreck of a schooner lies sunk in a depth of  $7\frac{1}{2}$  fathoms in the southern approach to Saputi river; its position is marked by a red nun buoy moored in approximately lat.  $4^{\circ} 56'$  S., long.  $106^{\circ} 6'$  E. (Notice No. 760 of 1900.)

*This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941a; Gaspar and Banka straits, No. 2149: Also, China Sea Directory, vol. I, 1896, page 385.*

E. J. BEAUMONT, COMDR., R.I.M.,  
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Published for general information.

CALCUTTA, the 14th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 325.

[Third Publication.]

PACIFIC OCEAN—SUVAROV (SUWARROW) ISLAND.

*Reef.*

THE British Admiralty has given notice (No. 761 of 1900) of the existence of a reef with a depth over it of  $2\frac{1}{2}$  fathoms, in the entrance to the Suvarov lagoon, situated with the lighthouse bearing S.  $78^{\circ}$  W., distant 3 cables. (Notice No. 761 of 1900.)

Approximate position, lat.  $13^{\circ} 13'$  S., long.  $163^{\circ} 9'$  W.

(Variation  $8^{\circ}$  Easterly in 1900.)

*This Notice affects the following Admiralty Chart:—Suvarov anchorage on sheet No. 1176: Also, Pacific islands, vol. III, 1900, page 174.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 326.

[Third Publication.]

CHINA SEA—BALABAC STRAIT.

*Banguy west channel—Beacon erected.*

THE British Admiralty has given notice (No. 763 of 1900) that an iron tripod beacon has been erected on the reef extending south-eastward from Tiga island; it is situated with south point of Tiga island bearing N.  $52^{\circ}$  W., distant one mile, and Batang point, S.  $34^{\circ}$  W. (Notice No. 763 of 1900.)

Approximate position, lat.  $7^{\circ} 20' N.$ , long  $117^{\circ} 3\frac{3}{4}' E.$

(Variation  $2^{\circ}$  Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Palawan island, No. 967; Balabac strait, No. 948; Also, China Sea Directory, vol. II, 1899, page 187; Eastern Archipelago, part I, 1890, page 155; and Revised Supplement, 1898, relating to that work, page 9.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 327.

[Third Publication.]

PERSIAN GULF—BAHREIN HARBOUR.

*Ras Zarwan—Beacon erected.*

THE British Admiralty has given notice (No. 767 of 1900) that a pole beacon, surmounted by a cage painted black, has been erected on the western edge of Ras Zarwan; it is situated with Khasefa island bearing N.  $58^{\circ}$  E., distant 4 miles, and the fort southward of Muharrak S.  $73^{\circ}$  E. (Notice No. 767 of 1900.)

Approximate position, lat.  $26^{\circ} 15\frac{1}{2}' N.$ , long.  $50^{\circ} 34' E.$

(Variation Nil in 1900.)

This Notice affects the following Admiralty Chart:—Bahrein harbour, No. 20; Also, Persian Gulf Pilot, 1898, page 135.

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Published for general information.

CALCUTTA, the 14th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 328.

[Third Publication.]

CHINA SEA—PESCADORES ISLANDS.

*Ponghau (Hoko to) island—Rocks, &c., to the eastward.*

THE British Admiralty has given notice (No. 773 of 1900) of the existence of the undermentioned rocks situated off Lichin point, Ponghau or Hoko to island:—

- (a) Kentei rock, about  $1\frac{1}{2}$  cables in extent, with a least depth over it of  $1\frac{1}{2}$  fathoms, situated with Keangli (Keihokisan) point bearing S.  $86^{\circ}$  W., distant nearly 4 miles, and Round (Yo sho) island S.  $25^{\circ}$  W.

Approximate position, lat.  $23^{\circ} 35\frac{1}{2}' N.$ , long.  $119^{\circ} 44' E.$

- (b) Rinto sho rock, with a least depth of  $2\frac{1}{2}$  fathoms over it, situated with Lichin point bearing N.  $55^{\circ}$  E., distant  $2\frac{1}{2}$  miles, and the point 2 miles north-eastward of Hau (Ko Kaku) point N.  $73^{\circ}$  W.

- (c) The Nine feet reef, situated at a distance of 6 miles S. 63° E., from Lichin point, was found to have a depth of less than 6 feet over it; its name should therefore be altered to "Six feet reef." (Notice No. 773 of 1900.)

(Variation Nil in 1900.)

NOTE.—A new edition of Chart No. 1961 will be issued.

This Notice affects the following Admiralty Charts:—Formosa island and strait, No. 1968; The Brothers to Ockseu islands, No. 1760; West Coast of Formosa, No. 2409; The Pescadores islands, No. 1961; Also, China Sea Directory, vol. III, 1894, page 217; and Supplement, 1898, page 18.

E. J. BEAUMONT, COMDR., R.I.M.,  
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Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 14th December 1900.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 329.

[Third Publication.]

CHINA SEA—PESCADORES ISLANDS.

Steeple channel—Rock.

THE British Admiralty has given notice (No. 774 of 1900) of the existence of a rock named Iwa saki, with a depth of  $2\frac{1}{2}$  fathoms, situated in Tokin suido, or steeple channel, with Rovar knob bearing N. 39° E., distant  $3\frac{1}{4}$  miles, and Nine feet rock N. 49° W. (Notice No. 774 of 1900)

Approximate position, lat. 23° 19' N., long 119° 30' E.

(Variation Nil in 1900.)

This Notice affects the following Admiralty Charts:—Formosa island, No. 1968; Pescadores island, No. 1961; Also, China Sea Directory, vol. III, 1894, page 211; and Supplement, 1898, page 17.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 14th December 1900.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 330.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Cocos islands—Particulars of—.

THE British Admiralty has given notice (No. 775 of 1900) of the following particulars relating to the Cocos islands:—

The native name for the group is Pulo Sa Laut. The group consists of two low islands covered with tall trees, which can be seen from a distance of 13 miles.

The larger island, named Sa Laut Besar, is about 2 miles long in an E. N. E. and W. S. W. direction and  $1\frac{1}{2}$  miles broad; on its southern side a reef extends for a distance of about one mile from the coast.

Approximate position of the centre of the island, lat. 2° 58' 35" N., long 95° 23' 40" E.

The smaller island, named Sa Laut Ketjil, is about 1,100 yards in diameter. On the north-east and south sides of this island reefs and discoloured water extend for a distance of about 900 yards, but on the south-east side there is good anchorage in 8 fathoms water.

Approximate position of the centre of the island, lat. 3° 0' 55" N., long 95° 24' 50" E. (Notice No. 775 of 1900.)

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Acheh head to Tyngkok bay, No. 2760; Also, China Sea Directory, vol. I, 1896, page 319; and Supplement, 1899, page 29.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 14th December 1900.



GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 331.

[Third Publication.]

JAPAN, SOUTH COAST—KII CHANNEL.

*Sunken rocks.*

THE British Admiralty has given notice (No. 777 of 1900) of the existence of the following reefs in the Kii channel:—

- (a) A shoal of about two cables in extent North and South, with a least depth of  $2\frac{1}{2}$  fathoms over it, situated with Cape Tanabe (Namariyama mi saki) bearing N.  $37^{\circ}$  W., distant 18 cables.

There are depths of 5 fathoms on the east and west sides of this shoal.

Approximate position, lat.  $33^{\circ} 38\frac{1}{2}'$  N., long.  $135^{\circ} 22\frac{1}{2}'$  E.

- (b) A shoal, with a depth of  $3\frac{1}{2}$  fathoms over it, situated about 6 cables south-westward of Yoko jima, in lat.  $33^{\circ} 28' 35''$  N., long.  $135^{\circ} 40' 0''$  E. (Notice No. 777 of 1900.)

(Variation  $4^{\circ}$  Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Van Diemen strait to Oō Sima, No. 1648; Approaches to Kobe, No. 2680; Seto uchi, No. 2875; Kii channel to Owasi bay, No. 951: Also, China Sea Directory, vol. IV, page 260.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 332.

[Third Publication.]

AUSTRALIA, NORTH COAST—CLARENCE STRAIT.

*Henry Ellis reef—Beacon erected—Buoy withdrawn.*

THE British Admiralty has given notice (No. 781 of 1900) that the black buoy marking the Henry Ellis reef has been replaced by an iron tripod beacon surmounted by a diamond-shaped head, elevated 18 feet above high water, erected on the north-western extremity of the reef in lat.  $12^{\circ} 5' 25''$  S., long  $131^{\circ} 0' 25''$  E. (Notice No. 781 of 1900.)

This Notice affects the following Admiralty Charts:—Gulf of Carpentaria, No. 1044; Melville island, No. 613; Clarence strait, No. 1095: Also, Australia Directory, vol. III, 1895, page 131.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, JANUARY 9, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 1.

[First Publication.]

INDIA, WEST—SIND COAST.

*Hajamro temporary beacon made permanent.*

With reference to Notice to Mariners No. 86, dated the 6th April 1900, issued by this office, the Bombay Government has given further notice (No. 112 of 1900) that the temporary beacon notified therein has been made permanent by founding it on a stone foundation with properly adjusted grips.

*This Notice affects the following Admiralty Charts:—Cape Monze to Kedewari Mouth, No. 41; Kedewari Mouth to Nirani Creek, No. 118, and Karāchi to Vengurla, No. 826; also West Coast of Hindustan Pilot, 1898, page 298.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 7th January 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 340.

[Second Publication.]

AFRICA, EAST COAST—ZANZIBAR.

*Electric light from the Sultan's Palace Tower.*

The following Notice to Mariners issued by the Bombay Government (No. 108 of 1900) is republished:—

“Commanders of vessels approaching Zanzibar by night are requested to take notice that the electric light from H. H. the Sultan's Palace Tower is exhibited between the hours of 6 P.M. and 11 P.M., and is visible about 18 miles.”

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 9th December 1900.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 341.

[Second Publication.]

INDIA, WEST—BOMBAY COAST.

*Port of Mangalore—Derelict.*

THE Bombay Government has given notice (No. 109 of 1900) of the existence, on 12th December 1900, of a derelict, bottom up, in sixteen fathoms off the Port of Mangalore.

Approximate position—

Latitude 12° 28' N.

Longitude 74° 50' E.

The derelict is dangerous to navigation and is reported drifting northwards.

*This Notice affects the following Admiralty Charts:—Mulk to Mount Dilli, No 746; Viziadurg to Cochin, No. 2737; Also, West Coast of Hindustan Pilot, 1898, page 145.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 342.

[Second Publication.]

INDIA, WEST—KATHIAWAR COAST.

*Dwarka point—New light exhibited.*

WITH reference to Notice to Mariners No. 268, dated the 20th October last, issued by this office, the Bombay Government has further notified (No. 111 of 1900) that information has been received from the Resident at Baroda, dated 16th December 1900, that a new light has been exhibited from Dwarka Point and the light ship has been withdrawn.

*This Notice affects the following Admiralty Charts:—Dwarka Point to Div Head, No. 1420; Gulf of Cutch, No. 43; Coasts of Sind and Cutch, No. 42; Gulf of Cutch to Viziadurg, No. 2736; Karachi to Vengurla, No. 826; Arabian Sea, No. 1012, and Indian Ocean, northern portion, No. 748b; Also, West Coast of Hindustan Pilot, 1898, page 267; also Light List, part VI, 1900, No. 211.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 343.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

*Shortt's island light.*

IN continuation of Notice to Mariners No. 333, dated the 20th December, it is hereby notified that a sixth order dioptric fixed light was exhibited from a masonry tower, Shortt's island, since the night of the 13th September, visible 12 miles in clear weather, between the bearings of south through west to west-north-west magnetic.

*(This cancels Notice to Mariners No. 235, dated 14th September last.)*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*



## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 344.

[Second Publication.]

CHINA SEA.

*Tong King gulf—Approaches to Haifong.**Kua nam Trieu outer light, destroyed—Buoy temporarily established.*

WITH reference to Notice to Mariners No. 280, dated 26th October 1900, issued by this office, the British Admiralty has given further notice (No. 796 of 1900) that the lighthouse on piles, on the bar of Kua nam Trieu, erected in a depth of 16 feet at low water, in approximately lat.  $20^{\circ} 43' 15''$  N., long.  $106^{\circ} 54' 35''$  E., was destroyed during a typhoon, the light (fixed white) is discontinued in consequence, but a conical buoy painted green, and marked No. 3, has been temporarily placed to mark the position occupied by the lighthouse. (Notice No. 796 of 1900.)

*This Notice affects the following Admiralty Charts :—Kua Lacht to Kao Tao shan islands, No. 1965; Approaches to Haifong, No. 775; Also, China Sea Directory, vol. II., 1899, page 445; List of Lights, part VI., 1900, page 110.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 345.

[Second Publication.]

AUSTRALIA—QUEENSLAND.

*Cleveland bay.—Tidal signals at Townsville.*

THE British Admiralty has given notice (No. 802 of 1900) that, on and after 1st November 1900, the following signals, to indicate the actual rise of the tide above low water datum, will be made from the Pilot station at Townsville :—

| Height of Tide.<br>Ft. in. | Signal by Day.                         | Signal by Night.                    |
|----------------------------|--|-------------------------------------|
| 0 6                        | Cylinder ...                           | White light.                        |
| 1 0                        | Two cylinders, horizontal ...          | Two white lights, horizontal.       |
| 1 6                        | Ditto, vertical ...                    | Ditto, vertical.                    |
| 2 0                        | Cone ...                               | Green light.                        |
| 2 6                        | Two cones, horizontal ...              | Two green lights, horizontal.       |
| 3 0                        | Ditto, vertical ...                    | Ditto, vertical.                    |
| 3 6                        | Ball ...                               | Red light.                          |
| 4 0                        | Two balls, horizontal ...              | Two red lights, horizontal.         |
| 4 6                        | Ditto, vertical ...                    | Ditto, vertical.                    |
| 5 0                        | Cone and cylinder horizontal ...       | Green and white lights, horizontal. |
| 5 6                        | Cylinder above cone ...                | White above green light.            |
| 6 0                        | Ditto below do. ...                    | Green do. white do.                 |
| 6 6                        | Ball and cylinder, horizontal ...      | Red and white lights, horizontal.   |
| 7 0                        | Cylinder above ball ...                | White above red light.              |
| 7 6                        | Ditto below do. ...                    | Red do. white do.                   |
| 8 0                        | Ball and cone horizontal ...           | Do. and green lights, horizontal.   |
| 8 6                        | Cone above ball ...                    | Green above red light.              |
| 9 0                        | Do. below do. ...                      | Red above green light.              |
| 9 6                        | Cylinder, and cylinder above cone. ... | White, and white above green light. |
| 10 0                       | Cone, and cylinder above cylinder. ... | Green, and white above white light. |
| 10 6                       | Cone, and cone above cylinder ...      | Green, and green above white light. |
| 11 0                       | Cylinder, and cone above cone... ...   | White, and green above green light. |
| 11 6                       | Ball, and ball above cylinder ...      | Red, and red above white light.     |
| 12 0                       | Cylinder, and ball above ball ...      | White, and red above red light.     |

The above figures should be added to the depth in the cuttings to give the depth in the channel.

The depths at low water ordinary springs at present are—

|                            |     |     |            |
|----------------------------|-----|-----|------------|
| (a) Platypus channel       | ... | ... | 15 feet.   |
| (b) Ross Creek bar (rocky) | ... | ... | 18 inches. |

Approximate position, lat.  $19^{\circ} 15' S.$ , long.  $146^{\circ} 50' E.$

NOTE.—The Platypus channel is the dredged cut into the harbour. (Notice No. 80) of 1900.)

This Notice affects the following Admiralty Chart:—Cleveland bay, No. 1102: Also, Australia Directory, Vol. II, 1898, page 305.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 346.

[Second Publication.]

##### AUSTRALIA, NORTH-WEST COAST.

Shoal north-westward of Lacepede islands.

THE British Admiralty has given notice (No. 804 of 1900) of the existence of a patch of 2 fathoms situated on, or close to, the banks north-westward of the Lacepede islands.

From the shoal, the east extreme of East Lacepede island bears S.  $60^{\circ} E.$ , distant about 10 miles. (Notice No. 804 of 1900.)

Approximate position, lat.  $16^{\circ} 47' 15'' S.$ , long.  $122^{\circ} 3' 30'' E.$

(Variation  $1\frac{1}{2}^{\circ}$  Easterly in 1900.)

This Notice affects the following Admiralty Charts:—North-west coast of Australia, No. 475; Buccaneer archipelago to Bedont island, No. 1048; Hall point to cape Bertholet, No. 1052: Also, Australia Directory, vol. III., 1895, page 255.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 347.

[Second Publication.]

##### PACIFIC OCEAN—ALLIGATOR SHOAL.

Non-existence of this shoal.

THE British Admiralty has given notice (No. 805 of 1900) that as there is no direct evidence of its existence, but that there is direct evidence that it certainly does not exist in the position assigned, viz., in lat.  $15^{\circ} 6' N.$ , long.  $154^{\circ} 20' E.$ , it has been expunged from the Admiralty Charts. (Notice No. 805 of 1900.)

This Notice affects the following Admiralty Charts:—Atlantic and Indian oceans, No. 2483; Pacific ocean, Nos. 2683 and 781: Also, Pacific islands, vol. I, 1900, page 450; China Sea Directory, vol. IV., 1894, page 203; and Supplement, 1898, page 11.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 348.

[Second Publication.]

##### BAY OF BENGAL—SIAMESE COAST.

Sunken rock eastward of South Cone island.

THE British Admiralty has given notice (No. 806 of 1900) of the existence of a rock on which the steam-vessel *Perse* was wrecked in August last, situated eastward of South Cone island.

The rock, which has about 6 feet over it, is situated with North Cone island bearing N. 35° W., distant about 2 miles, and South Cone island S. 88° W., or approximately in lat. 6° 49' 40" N., long. 99° 36' 45" E. (*Notice No. 806 of 1900.*)

*This Notice affects the following Admiralty Charts:—Bassein river to Pulo Penang, No. 830; Sayer islands to Lankawi island, No. 842: Also, China Sea Directory, vol. I., 1896, page 153.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 333.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

*Shortt's island beacon removed.*

WITH reference to Notice to Mariners, No. 235, dated the 14th September last, issued by this office, the Port Officer, Chandbally, has given further notice that owing to erosion, Shortt's island beacon has been shifted 860 feet south-west of former position.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 334.

[Third Publication.]

AFRICA, SOUTH—CAPE COLONY.

*Kowie river (port Alfred)—Information respecting it.*

NOTICE to Mariners (No. 786 of 1900) issued by the British Admiralty is republished. The following information respecting Kowie river has been taken from the Cape of Good Hope Government Gazette, dated 23rd October 1900:—

**WINDS AND CURRENTS.**—The prevailing winds in summer are from an easterly to south-easterly direction during the day, calms and light airs off the land at night, but occasionally a strong south-east wind blows continuously day and night for two or three days.

During the winter, westerly winds blow with bad weather at times, but a gale may be blowing in the offing when it is fine near the coast.

The Agulhas current sets to the westward sometimes very strongly at a distance of 5 to 25 miles from the coast, and a current sometimes setting against the wind is experienced in the roadstead (assisting vessels to ride), which prevents the regular tidal ebb and flow being perceptible.

**THE BAR.**—The bar is composed of sand over rock, westerly and south-westerly gales send in a heavy swell which deposits mere sand on the bar, making it impassable for two or three days; this deposit, however, is usually scoured out by the following spring tides. The passage over the bar in consequence varies considerably in direction, position and depth.

**DIRECTIONS, &c.**—Upon a vessel appearing off the port, the Harbour Master, who is also Shipping Master, will come on board, if weather permits, and point out a berth, otherwise a birth will be signalled from the Port office. The best anchorage is in from 15 to 17 fathoms, with the entrance of the river open and the Port office flag-staff on the western bank near the entrance, bearing N. 25° W., the holding ground here being good and the position outside the rollers. The holding ground in other areas is generally not good, being sand over patches of rock. The anchor should be buoyed, coir riding stoppers being used for the cables, and arrangements made for slipping in case of bad weather, when the end of the cable must also be buoyed.

Top gallant yards and masts should be struck, the topsails double reefed, and the vessel always kept ready for sea, strict attention being paid to all signals made from the Port office so that there will be no delay in putting to sea when the signal to do so is made. By keeping within 12 miles of the coast the very heavy sea which gets up outside that distance, due to the Agulhas current, will be avoided.

All vessels visiting this port should be provided with the best ground tackle and a stout coir spring to ride by.



With the wind from the eastward or westward it is preferable to ride at single anchor with a whole cable and a spring on, but with a southerly wind and dirty weather, and with no chance of putting to sea, it is better to give the vessel a good sheer, let go a second anchor before veering on the first, and then veer both cables together.

Masters are strongly advised to remain on board as much as possible, and to exercise discretion in permitting boats to leave their vessels at any time as accidents have occurred through drifting.

SIGNALS.—Mariners can communicate their wishes to their agents through the Port office by use of the Commercial Code, and every assistance will be rendered as far as practicable.

Vessels not possessing the Commercial Code can make the following signals:—

- |                                   |     |                              |
|-----------------------------------|-----|------------------------------|
| 1. Ensign in fore topmast rigging | ... | I am in want of a cable.     |
| 2. Ditto main ditto               | ... | Ditto an anchor.             |
| 3. Ditto fore rigging             | ... | I have parted a bower cable. |
| 4. Ditto main do.                 | ... | Want an anchor and cable.    |
| 5. Weft—where best seen           | ... | I want assistance.           |

WEATHER SIGNALS.—The following signals will be shown from the Port office:—

- |   |     |   |
|---|-----|---|
| 1. A black ball over union jack                         | ... | Veer about 70 fathoms, see second anchor clear.   |
| 2. Ditto under do.                                      | ... | Put to sea at once, get an offing.  |
| 3. Flag (blue, white, blue horizontal) over union jack. | ... | Send down top-gallant yards and mast, point yards, see everything clear for working ship as far as practicable. |
| 4. Union jack over white and blue flag                  | ... | See third anchor clear and prepare for bad weather.   |
| 5. Union jack over red, white, blue (vertical) flag.    | ... | Heave up second anchor (and shorten into same scope as before.  |

BAR SIGNALS:—

- |  |     |                 |
|--|-----|-----------------|
| 1. Black ball at western yardarm   | ... | Bar impassable. |
| 2. Ditto hoisted half-way up   | ... | Bar dangerous.  |
| 3. A working flag (red pierced white) will be hoisted when the bar is practicable for tug boats and lighters; it will be kept half mast when special caution is necessary in crossing the bar, and hauled down altogether when the bar is impassable. Pilots are always in readiness with a steam tug to take vessels in or out, and no vessel should attempt to enter the river even in most favourable weather without a pilot. No ships' boats should attempt to cross the bar, however smooth it may appear. |     |                 |

The whole of the above signals are to be answered by the answering penant hoisted where best seen, and promptly acted upon, neglect to do so will be reported to Lloyds, and also to the owner. Masters, however, should not necessarily wait for the signals, but take timely precautions. The first rise of a low barometer indicates a strong westerly gale, the first fall of a high barometer foretells a strong easterly gale with short chopping sea.

Port Alfred is in telegraphic and daily postal communication with Cape Colony generally, and railway connection will follow very shortly. (*Notice No. 786 of 1900.*)

Approximate position, lat. 33° 36' S., long. 26° 54' E.

(*Variation 30° Westerly in 1900.*)

*This Notice affects the following Admiralty Chart:—Kowie river No. 1223: Also, Africa Pilot, part III., 1897, pages 136 to 139; and Supplement 1900, page 8.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 335.

[Third Publication.]

CHINA SEA—TONG KING GULF.

*Haifong approach—Alteration in light.*

With reference to Notice to Mariners No. 113, dated the 27th April 1900, issued by this office, the British Admiralty has given further notice (No. 790 of 1900) that the light exhibited from the beacon situated about 3 $\frac{1}{2}$  miles N. 15° W. from Do Son point, Kua Kam,

has been replaced by a *white fixed* dioptric light of 6th order, elevated 30 feet above high water, and visible from the bearing of N. 48° W., through north and east, to S. 12° W.; it is shown from a pile structure painted red, surmounted by a pole. (*Notice No. 790 of 1900.*)

Approximate position, lat. 20° 46½' N., long. 106° 46½' E.

(*Variation 2° Easterly in 1900.*)

*This Notice affects the following Admiralty Chart:—Approaches to Haifong, No. 775; Also, List of Lights, part VI, 1900, No. 682; and China Sea Directory, vol. II, 1899, page 441.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 336.

[Third Publication.]

INDIA, WEST—MALABAR COAST.

*Cochin—Exhibition of a temporary fixed white light.*

THE Presidency Port Officer, Madras, has given notice (No. 46 of 1900) that during the alterations to the light at Cochin, a temporary Fixed White Light will be exhibited from a platform near the existing tower. The date of exhibition of this light will be notified in due course.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 337.

[Third Publication.]

INDIA, SOUTH-EAST—CEYLON, NORTH COAST.

*Pamban—Exhibition of a temporary fixed white light.*

THE Presidency Port Officer, Madras, has given notice (No. 46 of 1900) that during the alterations to the light at Pamban, a temporary Fixed White Light will be exhibited from a platform near the existing tower. The date of exhibition of this light will be notified in due course.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 338.

[Third Publication.]

INDIA, EAST—MADRAS COAST.

*Pulicat.—Exhibition of a temporary fixed white light.*

THE Presidency Port Officer, Madras, has given Notice (No. 48 of 1900) that during the alterations to the light at Pulicat, a temporary Fixed White Light will be exhibited from a platform near the existing tower. The date of exhibition of this light will be notified in due course.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 339.

[Third Publication.]

INDIA, EAST—MADRAS COAST.

*Armeghon.—Exhibition of a temporary fixed white light.*

THE Presidency Port Officer, Madras, has given notice (No. 49 of 1900) that during the alterations to the light at Armeghon, a temporary Fixed White Light will be exhibited from a platform near the existing tower. The date of exhibition of this light will be notified in due course.

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 20th December 1900.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*







APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, JANUARY 16, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 2.

[First Publication.]

AFRICA, EAST COAST—ZANZIBAR.

*Electric light occasionally exhibited.*

THE British Admiralty has given notice (No. 812 of 1900) that information, dated 3rd November 1900, has been received from the Port Officer, Zanzibar, that an electric *white fixed* light is occasionally exhibited from an iron framework tower, 110 feet high, near the Sultan's town palace. It is generally shown from 6 P.M. to 11 P.M., but is not to be depended upon for the purposes of navigation. It may be exhibited from 6 P.M. to 6 A.M. later on. (*Notice No. 812 of 1900.*)

Approximate position, lat.  $6^{\circ} 9\frac{3}{4}'$  S., long.  $39^{\circ} 11\frac{1}{2}'$  E.

*This Notice affects the following Admiralty Chart:—Zanzibar harbour, No. 665; also List of Lights, part VI, 1900, page 20; Africa Pilot, part III, page 444, and Supplement, 1900, page 30.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 7th January 1901.

C. P. BAYLEY,  
*Asst. Secy., Marine Department.*

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 3.

[First Publication.]

AUSTRALIA, EAST COAST—INNER ROUTE.

*Princess Charlotte bay—Coral patch.*

THE British Admiralty has given notice (No. 813 of 1900) of the existence in Princess Charlotte bay of a coral patch from 300 to 400 yards in extent, with several shoal heads, the depth on the shoalest being 3 fathoms, low-water springs, which is situated with Dhu reef beacon bearing N.  $47^{\circ}$  E., distant  $5\frac{1}{2}$  miles, and Ead reef beacon N.  $15^{\circ}$  W. (*Notice No. 813 of 1900.*)

Approximate position, lat.  $14^{\circ} 11'S.$ , long.  $143^{\circ} 56'E.$

(*Variation  $5^{\circ}$  Easterly in 1900.*)

NOTE.—It appears probable that this is the shoal reported by Mr. S. Clarke in 1893, as the depth over it and the bearing of Dhu reef beacon are the same, but the distance given was 7 miles instead of  $5\frac{1}{2}$  miles (see Notice to Mariners No. 393 of 1893).

Mr. Clarke's shoal will be also retained for the present.

This Notice affects the following Admiralty Chart:—Turtle group to Claremont point, No. 2922; also Australia Directory, Vol. II, 1898, page 384.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 4.

[First Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

Information respecting Pilots, &c.

THE British Admiralty has given the following information in Notice to Mariners No. 816 of 1900, respecting Pilots, &c., in New Caledonia:—

PILOT BOATS have an anchor and number painted in black on the upper part of their sails. When pilots are on board, the pilot jack is hoisted by day, and a white light by night at the gaff.

PILOT STATIONS have been established at Amédée islet, where two pilots and one apprentice are stationed; and at Noumea, Tehio, and Mouéo, where one pilot and one apprentice, respectively, are stationed.

REGULATIONS.—Vessels will be piloted according to the order of their arrival. All vessels are compelled to take a pilot where a pilot station has been established, except vessels of war and local coasting vessels. Vessels bound for any other port, but wishing to call at Noumea, can do so by furnishing the pilot with a certificate to that effect.

PILOT DUES.—Vessels passing through the Bulari channel *en route* for Tehio will pay half dues from Bulari to Havannah in addition to those for entry to or departure from Tehio.

Full dues are to be paid by—

- (a) Vessels coming from sea and taking a pilot.
- (b) Vessels coming from sea which have been met by pilots and do not employ them.
- (c) Vessels coming from sea which enter, or leave, any port in the colony.

Vessels which take a pilot when they are in the channels will only be charged half dues, except in the Bulari channel at night, when full dues must be paid.

Where there is no pilot station, and no pilot goes out to meet the vessel, no pilotage need be paid.

Vessels of war are piloted at half dues. (Notice No. 816 of 1900.)

Approximate position, port Noumea, lat.  $22^{\circ} 16' S.$ , long.  $166^{\circ} 26' E.$

This Notice affects the following Admiralty Charts:—New Caledonia Nos. 936a, b; Uen island to St. Vincent bay, No. 2907; Port Noumea, No. 2069; also, Pacific islands, Vol. I, Part II, 1898, pages 43, 47, 111, 73; and Pacific islands, Vol. II., 1900 (now in Press), pages 312, 313.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 1.

[Second Publication.]

INDIA, WEST—SIND COAST.

Hajan-ro temporary beacon made permanent.

With reference to Notice to Mariners No. 86, dated the 6th April 1900, issued by this office, the Bombay Government has given further notice (No. 112 of 1900) that the

temporary beacon notified therein has been made permanent by founding it on a stone foundation with properly adjusted grips.

*This Notice affects the following Admiralty Charts:—Cape Monze to Kedewari Mouth, No. 41; Kedewari Mouth to Nirani Creek, No. 118, and Karachi to Vengurla, No. 826; also West Coast of Hindustan Pilot, 1898, page 298.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 340.

[Third Publication.]

AFRICA, EAST COAST—ZANZIBAR.

*Electric light from the Sultan's Palace Tower.*

THE following Notice to Mariners issued by the Bombay Government (No. 108 of 1900) is republished:—

"Commanders of vessels approaching Zanzibar by night are requested to take notice that the electric light from H. H. the Sultan's Palace Tower is exhibited between the hours of 6 P.M. and 11 P.M., and is visible about 18 miles."

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 341.

[Third Publication.]

INDIA, WEST—BOMBAY COAST.

*Port of Mangalore—Derelict.*

THE Bombay Government has given notice (No. 109 of 1900) of the existence, on 12th December 1900, of a derelict, bottom up, in sixteen fathoms off the Port of Mangalore.

Approximate position—

Latitude 12° 28' N.

Longitude 74° 50' E.

The derelict is dangerous to navigation and is reported drifting northwards.

*This Notice affects the following Admiralty Charts:—Mulk to Mount Dilli, No 746; Vindadurg to Cochin, No. 2737; Also, West Coast of Hindustan Pilot, 1898, page 145.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 342.

[Third Publication.]

INDIA, WEST—KATHIAWAR COAST.

*Dwarka point—New light exhibited.*

WITH reference to Notice to Mariners No. 268, dated the 20th October last, issued by this office, the Bombay Government has further notified (No. 111 of 1900) that information



has been received from the Resident at Baroda, dated 16th December 1900, that a new light has been exhibited from Dwarka Point and the light ship has been withdrawn.

*This Notice affects the following Admiralty Charts:—Dwarka Point to Div Head, No. 1420; Gulf of Cutch, No. 43; Coasts of Sind and Cutch, No. 42; Gulf of Cutch to Vizadurg, No. 2736; Karachi to Vengurla, No. 826; Arabian Sea, No. 1012, and Indian Ocean, northern portion, No. 7486; Also, West Coast of Hindustan Pilot, 1898, page 267; also Light List, part VI, 1900, No. 211.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 343.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

*Shortt's island light.*

IN continuation of Notice to Mariners No. 333, dated the 20th December, it is hereby notified that a sixth order dioptric fixed light was exhibited from a masonry tower, Shortt's island, since the night of the 13th September, visible 12 miles in clear weather, between the bearings of south through west to west-north-west magnetic.

*(This cancels Notice to Mariners No. 235, dated 14th September last.)*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 344.

[Third Publication.]

CHINA SEA.

*Tong King gulf—Approaches to Haifong.*

*Kua nam Trieu outer light, destroyed—Buoy temporarily established.*

WITH reference to Notice to Mariners No. 280, dated 26th October 1900, issued by this office, the British Admiralty has given further notice (No. 796 of 1900) that the lighthouse on piles, on the bar of Kua nam Trieu, erected in a depth of 16 feet at low water, in approximately lat.  $20^{\circ} 43' 15''$  N., long.  $106^{\circ} 54' 35''$  E., was destroyed during a typhoon, the light (fixed white) is discontinued in consequence, but a conical buoy painted green, and marked No. 3, has been temporarily placed to mark the position occupied by the lighthouse. *(Notice No. 796 of 1900.)*

*This Notice affects the following Admiralty Charts:—Kua Lacht to Kao Tao shan islands, No. 1965; Approaches to Haifong, No. 775; Also, China Sea Directory, vol. II., 1899, page 445; List of Lights, part VI., 1900, page 110.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 345.

[Third Publication.]

AUSTRALIA—QUEENSLAND.

*Cleveland bay.—Tidal signals at Townsville.*

THE British Admiralty has given notice (No. 802 of 1900) that, on and after 1st November 1900, the following signals, to indicate the actual rise of the tide above low water datum, will be made from the Pilot station at Townsville:—

| Height of Tide.<br>Ft. in. | Signal by Day.                         | Signal by Night.                    |
|----------------------------|--|-------------------------------------|
| 0 6                        | Cylinder ...                           | White light.                        |
| 1 0                        | Two cylinders, horizontal ...          | Two white lights, horizontal.       |
| 1 6                        | Ditto, vertical ...                    | Ditto, vertical.                    |
| 2 0                        | Cone ...                               | Green light.                        |
| 2 6                        | Two cones, horizontal ...              | Two green lights, horizontal.       |
| 3 0                        | Ditto, vertical ...                    | Ditto, vertical.                    |
| 3 6                        | Ball ...                               | Red light.                          |
| 4 0                        | Two balls, horizontal ...              | Two red lights, horizontal.         |
| 4 6                        | Ditto, vertical ...                    | Ditto, vertical.                    |
| 5 0                        | Cone and cylinder horizontal ...       | Green and white lights, horizontal. |
| 5 6                        | Cylinder above cone ...                | White above green light.            |
| 6 0                        | Ditto below do. ...                    | Green do. white do.                 |
| 6 6                        | Ball and cylinder, horizontal ...      | Red and white lights, horizontal.   |
| 7 0                        | Cylinder above ball ...                | White above red light.              |
| 7 6                        | Ditto below do. ...                    | Red do. white do.                   |
| 8 0                        | Ball and cone horizontal ...           | Do. and green lights, horizontal.   |
| 8 6                        | Cone above ball ...                    | Green above red light.              |
| 9 0                        | Do. below do. ...                      | Red above green light.              |
| 9 6                        | Cylinder, and cylinder above cone. ... | White, and white above green light. |
| 10 0                       | Cone, and cylinder above cylinder. ... | Green, and white above white light. |
| 10 6                       | Cone, and cone above cylinder ...      | Green, and green above white light. |
| 11 0                       | Cylinder, and cone above cone... ...   | White, and green above green light. |
| 11 6                       | Ball, and ball above cylinder ...      | Red, and red above white light.     |
| 12 0                       | Cylinder, and ball above ball ...      | White, and red above red light.     |

The above figures should be added to the depth in the cuttings to give the depth in the channel.

The depths at low water ordinary springs at present are—

|                                |                |
|--------------------------------|----------------|
| (a) Platypus channel ...       | ... 15 feet.   |
| (b) Ross Creek bar (rocky) ... | ... 18 inches. |

Approximate position, lat. 19° 15' S., long. 146° 50' E.

NOTE.—The Platypus channel is the dredged cut into the harbour. (Notice No. 80) of 1900.)

This Notice affects the following Admiralty Chart:—*Cleveland bay*, No. 1102: Also, *Australia Directory*, Vol. II, 1898, page 305.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 346.

[Third Publication.]

AUSTRALIA, NORTH-WEST COAST.

*Shoal north-westward of Lacepede islands.*

THE British Admiralty has given notice (No. 804 of 1900) of the existence of a patch of 2 fathoms situated on, or close to, the banks north-westward of the Lacepede islands.

From the shoal, the east extreme of East Lacepede island bears S. 60° E., distant about 10 miles. (*Notice No. 804 of 1900.*)

Approximate position, lat. 16° 47' 15" S., long 122° 3' 30" E.

(*Variation 1½° Easterly in 1900.*)

*This Notice affects the following Admiralty Charts:—North-west coast of Australia, No. 475; Buccaneer archipelago to Bedont island, No. 1048; Hall point to cape Bertholet, No. 1052; Also, Australia Directory, vol. III., 1895, page 255.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 347.

[Third Publication.]

## PACIFIC OCEAN—ALLIGATOR SHOAL.

*Non-existence of this shoal.*

THE British Admiralty has given notice (No. 805 of 1900) that as there is no direct evidence of its existence, but that there is direct evidence that it certainly does not exist in the position assigned, viz., in lat. 15° 6' N., long. 154° 20' E., it has been expunged from the Admiralty Charts. (*Notice No. 805 of 1900.*)

*This Notice affects the following Admiralty Charts:—Atlantic and Indian oceans, No. 2483; Pacific ocean, Nos. 2683 and 781; Also, Pacific islands, vol. I, 1900, page 450; China Sea Directory, vol. IV., 1894, page 203; and Supplement, 1898, page 11.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 348.

[Third Publication.]

## BAY OF BENGAL—SIAMESE COAST.

*Sunken rock eastward of South Cone island.*

THE British Admiralty has given notice (No. 806 of 1900) of the existence of a rock on which the steam-vessel *Perse* was wrecked in August last, situated eastward of South Cone island.

The rock, which has about 6 feet over it, is situated with North Cone island bearing N. 35° W., distant about 2 miles, and South Cone island S. 88° W., or approximately in lat. 6° 49' 40" N., long. 99° 36' 45" E. (*Notice No. 806 of 1900.*)

*This Notice affects the following Admiralty Charts:—Bassac river to Pulo Penang, No. 830; Sayer islands to Lankawi island, No 842; Also, China Sea Directory, vol. I., 1896, page 133.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th December 1900.

C. B. BAYLEY,  
Asst. Secy., Marine Department.





APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, JANUARY 23, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 5.

[First Publication.]

#### EASTERN ARCHIPELAGO—BORNEO—PULO LAUT STRAIT.

*Suangi and Kota Baru—Ligh's established.*

With reference to Notice to Mariners Nos. 311 and 312, dated the 7th December last, issued by this office, the British Admiralty has given further notice (No. 825 of 1900), that the following leading lights have been established on the Suangi islands, and also a light at Kota Baru, Pulo Laut strait:—

1. Suangi island rear light is *white fixed*, elevated 154 feet above high water, and visible from about the bearing of N. 13° E. to N. 3° E., and from about S. 35° W. to S. 25° W.

It is shown from an iron skeleton tower 23 feet high, painted white, near the dwelling, erected near the position of the beacon, which is about 7 cables north eastward of the south point of the island.

Approximate position, lat. 3° 27' S., long. 116° 1' E.

2. Suangi island front light is *white fixed*, elevated 36 feet above high water, and visible from about S. 35° W. to S. 25° W.

It is shown from a similar structure to the rear light erected near the beacon on the east side of the islet (Anak Suangi) about 8 cables N. 28° E. from the beacon on Suangi island.

These two lights in line, S. 30° W., lead through the channel abreast of Tampakan island.

The beacons situated close to the position of these lights will be removed now the lights are exhibited.

3. Kota Baru is a *white flashing* light every five seconds, of the 5th order, elevated 223 feet above high water.

It is shown from an iron skeleton tower, with dwelling attached, erected on a hill named Balingkor, in lat. 3° 14' 0" S., long. 116° 13' 20" E. (Notice No. 825 of 1900).

*Variation 2° Easterly in 1900.*

*This Notice affects the following Admiralty Chart:—Pulo Laut strait on sheet No. 2662; Also List of Lights, part VI., 1900, page 92; Eastern Archipelago, part II., 1893, pages 310 and 307; and Supplement, 1899, page 34.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 6.

[First Publication.]

CHINA SEA—ANNAM COAST.

*Kulao Rai light—Experimentally exhibited.*

WITH reference to Notice to Mariners, No. 144, dated the 23rd July 1897, issued by this office, the British Admiralty has given further notice (No. 826 of 1900), that a third order white flashing light every five seconds (flash, one-tenth of a second; eclipse, four and nine-tenths seconds) is experimentally exhibited on Kulao Rai, entrance to Tong King gulf.

Kulao Rai light is elevated 172 feet above high water, and visible in clear whether from a distance of 20 miles, from the bearing of about N. 56° E., through north and west, to S. 72° E.

It is shown from a metal pyramidal tower, coloured grey, about 165 feet high, erected about 2 cables S. 60° W. from the north-east point of the island. (Notice No. 826 of 1900)

Approximate position, lat. 15° 23½' N., long. 109° 6' E.

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—China sea, Nos. 1263, 2661a; Fan Rang bay to Tong King gulf, No. 1342; Ki Kik bay, No. 1005; Aho, List of Lights, part VI., 1900, No. 673; and China Sea Directory, vol. II., 1899, page 417.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 7.

[First Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

*Isié channel—Rock reported.*

THE British Admiralty has given notice (No. 827 of 1900) that a rock is reported to exist in the fairway of the channel between St. Vincent and Isié passages. It is situated with the rock off the south-east point of Testard island (in line with Kari peak) about N. 37° E., distant half a mile, and the east extreme of Isié island (in line with mount Uanvo) about N. 53° W.

A rock with less than 6 feet over it has been placed on the Chart in this position. (Notice No. 827 of 1900.)

Approximate position, lat. 21° 57¼' S., long. 165° 56' E.

(Variation 10° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Port Muéo to isle of Pinès, No. 936b: Also, Pacific islands, vol. I, part II, 1893, page 69; and vol. II (now in press), page 326.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 8.

[First Publication.]

CHINA, EAST—SHANTUNG-KYAU CHAU STRAIT.

*Yu Nui San—Light exhibited—Buoy.*

WITH reference to Notice to Mariners No. 248, dated 28th September last, issued by this office, the British Admiralty has given further notice (No. 828 of 1900), that an electric white light, elevated 98 feet above high water, and visible in clear weather from a distance of 16 miles, would be exhibited from an iron lighthouse, with masonry base, constructed on Yu nui san, Kyau chau bay.

Yun ui san light shows the following sectors :—*white occulting* (light, one second ; eclipse, one second) from the bearing of about S. 75° W., through west, to N. 75° W., *white fixed* from about N. 75° W. to N. 63° W. between Siau kung tau and Tai kung tau, *white group occulting* (light, one second ; eclipse, one second ; light, one second ; eclipse, three seconds) from about N. 63° W., through north and east, to about S. 35° W., and obscured in other directions.

Approximate position, lat. 36° 21' N., long. 120° 17½' E.

Also, that a mooring buoy has been established in a depth of 9 fathoms in the man-of-war anchorage with the Observatory time ball station bearing S. 84° E., distant 11 cables. (*Notice No 828 of 1900.*)

(*Variation 3° Westerly in 1900.*)

This Notice affects the following Admiralty Charts :—*Kyau chau bay to Miao tau strait No. 1255 ; Kyau chau bay, No. 857 ; Also, List of Lights, part VI, 1900, page 130 ; and China Sea Directory, vol. III, 1894, page 522 ; and Supplement, 1898, page 28.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 9.

[First Publication.]

#### AUSTRALIA, SOUTH—TASMANIA—PORT HOBART APPROACH.

*One Tree Point—Light exhibited.*

THE British Admiralty has given notice (No. 829 of 1900) that a *white occulting* light, elevated about 41 feet above high water, and visible from a distance of about 8 miles, would be exhibited from a wooden structure erected on One Tree point, river Derwent, port Hobart approach.

The duration of the light is about equal to that of the eclipse. (*Notice No. 829 of 1900.*)

Approximate position, lat. 42° 55' S., long. 147° 22½' E.

This Notice affects the following Admiralty Charts :—*Approaches to Hobart, No. 960 ; port Hobart, No. 105 ; Also, List of Lights, part VI, 1900, page 222 ; and Australia Directory, vol. I., 1897, page 701.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 10.

[First Publication.]

#### AUSTRALIA—NORTH-WEST COAST.

*Dampier archipelago to Lacepede islands.—Islets and shoals reported.*

THE British Admiralty has given notice No. 835 of 1900 of the following particulars of Little Turtle Island, and an Islet, and a shoal in the Dampier archipelago and in the Lacepede group, respectively :—

1. The Sand islet, named Little Turtle island, is just above high-water ordinary springs, and is surrounded by a reef 1½ miles in extent, on the outer edge of which the rocks are above high water.

Approximate position, lat. 20° 1' 30" S., long. 118° 49' 0" E.

2. A small rocky islet, 15 feet high, is situated N. 65° W. 3½ miles from the south extreme of Rosemary island, Dampier archipelago.

Approximate position, lat. 20° 29' 0" S., long. 116° 32' 15" E.

3. A shoal patch, with a depth of from 2 to 3 fathoms over it, at low-water springs, is situated N. 8° W., at a distance of 3 miles from the western extreme of West island, Lacepede islands. (*Notice No. 835 of 1900.*)



Approximate position, lat.  $16^{\circ} 47' 45''$  S., long.  $122^{\circ} 6' 15''$  E.

(Variation Nil in 1900.)

This Notice affects the following Admiralty Charts:—Australia, No. 475; Bedout island to cape Cuvier, No. 1055; Buccaneer archipelago to Bedout island, No. 1048; Hall point to cape Bertholet, No. 1052: Also Australia Directory, vol. III, 1895, pages 269, 283, 255.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

CALCUTTA, the 12th January 1901.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 11.

[First Publication.]

CHINA, EAST—SHANTUNG—WEI HAI WEI.

Flagstaff Point—Light altered.

WITH reference to Notice to Mariners No. 276, dated the 28th December 1898, the British Admiralty has given further notice (No. 843 of 1900) that the light on the islet off Flagstaff point, Wei Hai Wei anchorage, has been altered to a group occulting light of the 4th order, showing two eclipses every fourteen seconds, thus:—eclipse, two seconds; light, two seconds; eclipse, two seconds; light, eight seconds. It is elevated 53 feet above high water, and shows the following sectors:—white between the bearings of  $S. 44^{\circ} W.$  and  $S. 52^{\circ} W.$  (over the fairway through the western entrance), red between  $S. 52^{\circ} W.$ , through west, and  $N. 84^{\circ} W.$ , white between  $N. 84^{\circ} W.$  and  $N. 75^{\circ} W.$  (over the fairway through the southern entrance), and red in other directions, the white and red lights being visible in clear weather from distances of 12 and 8 miles respectively.

It is shown from a white iron lighthouse, 24 feet high, near a white dwelling, erected on the site of the former light column. (Notice No. 843 of 1900.)

Approximate position, lat.  $37^{\circ} 30' N.$ , long.  $122^{\circ} 9' E.$

(Variation  $3^{\circ}$  Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Wei Hai Wei harbour, and anchorage, Nos. 2823, 3025; Also, List of Lights, part VI, 1900, No. 785; and China Sea Directory, vol. III, 1894, page 553; and Supplement, 1898, relating to that work, page 28.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 12.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafuli river.—Depth of water found in the channels.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channel by soundings taken on 9th January and reduced to zero:—

|  |     |     |     |     | Ft. in. |
|--|-----|-----|-----|-----|---------|
| Track No. 1.—Outer-bar—                    |     |     |     |     |         |
| Disc on diamond                            | ... | ... | ... | ... | 11 3    |
| Track No. 2.—Inner-bar—                    |     |     |     |     |         |
| Disc on diamond                            | ... | ... | ... | ... | 11 6    |
| Track No. 3.—                              |     |     |     |     |         |
| Tripod on cross and ball                   | ... | ... | ... | ... | 21 0    |
| Track No. 4.—                              |     |     |     |     |         |
| Triangle on mast with white and black cask | ... | ... | ... | ... | 22 0    |
| Track No. 5.—Guptakhali crossing—          |     |     |     |     |         |
| Tripod on diamond                          | ... | ... | ... | ... | 20 0    |

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 13.

[First Publication.]

## EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

*Pulo Rusa reef—Reef to the westward.*

THE British Admiralty has given notice (No. 845 of 1900) of the existence of a reef, which breaks, situated about  $1\frac{1}{10}$  miles to the westward of pulo Rusa in approximately lat.  $5^{\circ} 15' 15''$  N., long.  $95^{\circ} 12' 15''$  E. (Notice No. 845 of 1900.)

This Notice affects the following Admiralty Charts:—*Bassein river to pulo Penang*, No. 830; *Acheh head to Tyingkok bay*, No. 2760; *Acheh head to Diamond point*, No. 219; *Also, China Sea Directory*, vol. I, 1896, page 253.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 14.

[First Publication.]

## EASTERN ARCHIPELAGO—JAVA, SOUTH COAST.

*Damas and Segoro wedi bays—Reefs in approach.*

THE British Admiralty has given notice (No. 847 of 1900) that the following reefs exist in the approach to Damas and Segoro wedi bays:—

1. A reef which breaks heavily, eastward of Damas bay, in approximately lat.  $8^{\circ} 17'$  S., long.  $111^{\circ} 19'$  E.
2. A reef which also breaks heavily, south-eastward of Sosari island, in approximately lat.  $8^{\circ} 23\frac{1}{2}'$  S., long.  $111^{\circ} 40\frac{1}{2}'$  E.
3. The reef shown on the Chart between Sosari island and the main land is in reality a rocky island. (Notice No. 847 of 1900.)

Approximate position, lat.  $8^{\circ} 22\frac{1}{2}'$  S., long.  $111^{\circ} 40'$  E.

This Notice affects the following Admiralty Charts:—*Eastern Archipelago*, No. 941a; *Java*, No. 1654; *plan of Segoro wedi bay on sheet No. 932*; *Also, Eastern Archipelago*, part II, 1893, pages 214, 213, 212; and *Supplement*, 1899, page 23.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 15.

[First Publication.]

## AUSTRALIA—VICTORIA, PORT PHILLIP ENTRANCE.

*Lonsdale point and Shortland bluff lights—Alterations postponed.*

WITH reference to Notice to Mariners No. 128, dated 19th May last, issued by this office, the British Admiralty has given further notice (No. 849 of 1900) that the proposed alteration from fixed to occulting of Lonsdale point light, and change in the sectors of Shortland bluff light, cannot be effected before the 1st June 1901. (Notice No. 849 of 1900.)

Approximate position, lat.  $38^{\circ} 16'$  S., long.  $144^{\circ} 40'$  E.

Further Notice will be given when the alterations have been made.

This Notice affects the following Admiralty Charts:—*Bass strait*, Nos. 1063, 1695b; *port Phillip*, Nos. 1171a, 2747a; *Also, List of Lights*, part VI, 1900, Nos. 1109, 1110, 1111; and *Australia*, vol. I, 1897, pages 429, 434.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 16.

[First Publication.]

CHINA—GULF OF PE CHILI.

*Yuensang bank—Shoaler water reported.*

THE British Admiralty has given notice (No. 850 of 1900) that at 9 A.M., on 16th September 1900, a sounding of about 3 fathoms, when reduced to low water, was obtained on the Yuensang bank in lat.  $38^{\circ} 36' N.$ , long.  $119^{\circ} 5' E.$  (*Notice No. 850 of 1900.*)

*This Notice affects the following Admiralty Charts:—Pe chilli and Liau tung gulfs, No. 1256; Li tsin ho to Ning hai, No. 598; Also China Sea Directory, vol. III, 1894, page 621.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 17.

[First Publication.]

CHINA—GULF OF PE CHILI.

*Howki, and Sha lu tien lights, exhibited during winter.*

THE British Admiralty has given notice (No. 851 of 1900) that Howki island light (rev.) and Sha lu tien island light (fixed) will be exhibited throughout the forthcoming winter. (*Notice No. 851 of 1900.*)

Approximate position, Howki light, lat.  $38^{\circ} 4' N.$ , long.  $120^{\circ} 39' E.$

" " Sha lu tien, lat.  $38^{\circ} 56' N.$ , long.  $118^{\circ} 31' E.$

*This Notice affects the following Admiralty Charts:—Gulf of Pe chili and Liau tung, No. 1256; Li tsin ho to Ning hai, No. 598; Also, List of Lights, part VI, 1900, Nos. 787, 789; and China Sea Directory, vol. III, 1894, pages 571, 622.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 18.

[First Publication.]

PACIFIC OCEAN—BISMARCK ARCHIPELAGO.

*Admiralty island—Reef off south coast.*

THE British Admiralty has given notice (No. 857 of 1900) of the existence of a reef off the south coast of Admiralty island, situated with the westernmost of the Johnston island bearing  $S. 45^{\circ} E.$ , distant 5 miles, and Sanders point  $N. 47^{\circ} E.$

A reef with less than 6 feet has been placed on the Chart in this position. (*Notice No. 857 of 1900.*)

Approximate position, lat.  $2^{\circ} 21' S.$ , long.  $147^{\circ} 11' E.$

(*Variation  $4^{\circ}$  Easterly in 1900.*)

*This Notice affects the following Admiralty Charts:—North-east coast of New Guinea, No. 2766; Admiralty and Hermit islands No. 769; Also, Pacific islands, vol. I, 1900, page 409.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 2.

[Second Publication.]

AFRICA, EAST COAST—ZANZIBAR.

*Electric light occasionally exhibited.*

THE British Admiralty has given notice (No. 812 of 1900) that information, dated 3rd November 1900, has been received from the Port Officer, Zanzibar, that an electric *white fixed* light is occasionally exhibited from an iron framework tower, 110 feet high, near the Sultan's town palace. It is generally shown from 6 P.M. to 11 P.M., but is not to be depended upon for the purposes of navigation. It may be exhibited from 6 P.M. to 6 A.M. later on. (*Notice No. 812 of 1900.*)

Approximate position, lat.  $6^{\circ} 9\frac{1}{2}'$  S., long.  $39^{\circ} 11\frac{1}{2}'$  E.

*This Notice affects the following Admiralty Chart:—Zanzibar harbour, No. 665; also List of Lights, part VI, 1900, page 20; Africa Pilot, part III, page 444, and Supplement, 1900, page 30.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 3.

[Second Publication.]

AUSTRALIA, EAST COAST—INNER ROUTE.

*Princess Charlotte bay—Coral patch.*

THE British Admiralty has given notice (No. 813 of 1900) of the existence in Princess Charlotte bay of a coral patch from 300 to 400 yards in extent, with several shoal heads, the depth on the shoalest being 3 fathoms, low-water springs, which is situated with Dhu reef beacon bearing N.  $47^{\circ}$  E., distant  $5\frac{1}{2}$  miles, and Ead reef beacon N.  $15^{\circ}$  W. (*Notice No. 813 of 1900.*)

Approximate position, lat.  $14^{\circ} 11'S$ , long.  $143^{\circ} 56'E$ .

(*Variation  $5^{\circ}$  Easterly in 1900.*)

NOTE.—It appears probable that this is the shoal reported by Mr. S. Clarke in 1893, as the depth over it and the bearing of Dhu reef beacon are the same, but the distance given was 7 miles instead of  $5\frac{1}{2}$  miles (*see Notice to Mariners No. 393 of 1893.*)

Mr. Clarke's shoal will be also retained for the present.

*This Notice affects the following Admiralty Chart:—Turtle group to Claremont point, No. 2922; also Australia Directory, Vol. II, 1898, page 384.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 4.

[Second Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

*Information respecting Pilots, &c.*

THE British Admiralty has given the following information in Notice to Mariners No. 816 of 1900, respecting Pilots, &c., in New Caledonia:—

PILOT BOATS have an anchor and number painted in black on the upper part of their sails. When pilots are on board, the pilot jack is hoisted by day, and a white light by night at the gaff.

PILOT STATIONS have been established at Amédée islet, where two pilots and one apprentice are stationed; and at Noumea, Tehio, and Mouéo, where one pilot and one apprentice, respectively, are stationed.

REGULATIONS.—Vessels will be piloted according to the order of their arrival. All vessels are compelled to take a pilot where a pilot station has been established, except vessels of war and local coasting vessels. Vessels bound for any other port, but wishing to call at Noumea, can do so by furnishing the pilot with a certificate to that effect.

PILOT DUES.—Vessels passing through the Bulari channel *en route* for Tehio will pay half dues from Bulari to Havannah in addition to those for entry to or departure from Tehio.

Full dues are to be paid by—

- (a) Vessels coming from sea and taking a pilot.
- (b) Vessels coming from sea which have been met by pilots and do not employ them.
- (c) Vessels coming from sea which enter, or leave, any port in the colony.

Vessels which take a pilot when they are in the channels will only be charged half dues, except in the Bulari channel at night, when full dues must be paid.

Where there is no pilot station, and no pilot goes out to meet the vessel, no pilotage need be paid.

Vessels of war are piloted at half dues. (*Notice No. 816 of 1900.*)

Approximate position, port Noumea, lat. 22° 16' S., long. 166° 26' E.

*This Notice affects the following Admiralty Charts:—New Caledonia Nos. 936a,b; Uen island to St. Vincent bay, No. 2907; Port Noumea, No. 2069; also, Pacific islands, Vol. I, Part II, 1893, pages 43, 47, 111, 73; and Pacific islands, Vol. II., 1900 (now in Press), pages 312, 313.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 7th January 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 1.

[Third Publication.]

INDIA, WEST—SIND COAST.

*Hajamro temporary beacon made permanent*

With reference to Notice to Mariners No. 86, dated the 6th April 1900, issued by this office, the Bombay Government has given further notice (No. 112 of 1900) that the temporary beacon notified therein has been made permanent by founding it on a stone foundation with properly adjusted grips.

*This Notice affects the following Admiralty Charts:—Cape Monze to Kedewari Mouth, No. 41; Kedewari Mouth to Nirani Creek, No. 118, and Karachi to Vengurla, No. 826; also West Coast of Hindustan Pilot, 1898, page 298.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 7th January 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*



APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, JANUARY 30, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 5.

[Second Publication.]

#### EASTERN ARCHIPELAGO—BORNEO—PULO LAUT STRAIT.

*Suangi and Kota Baru—Lights established.*

WITH reference to Notice to Mariners Nos. 311 and 312, dated the 7th December last, issued by this office, the British Admiralty has given further notice (No. 825 of 1900), that the following leading lights have been established on the Suangi islands, and also a light at Kota Baru, Pulo Laut strait :—

1. Suangi island rear light is *white fixed*, elevated 154 feet above high water, and visible from about the bearing of N. 13° E. to N. 3° E., and from about S. 35° W. to S. 25° W.

It is shown from an iron skeleton tower 23 feet high, painted white, near the dwelling, erected near the position of the beacon, which is about 7 cables north eastward of the south point of the island.

Approximate position, lat. 3° 27' S., long. 116° 1' E.

2. Suangi island front light is *white fixed*, elevated 36 feet above high water, and visible from about S. 35° W. to S. 25° W.

It is shown from a similar structure to the rear light erected near the beacon on the east side of the islet (Anak Suangi) about 8 cables N. 28° E. from the beacon on Suangi island.

These two lights in line, S. 30° W., lead through the channal abreast of Tampakan island.

The beacons situated close to the position of these lights will be removed now the lights are exhibited.

3. Kota Baru is a *white flashing* light every five seconds, of the 5th order, elevated 223 feet above high water.

It is shown from an iron skeleton tower, with dwelling attached, erected on a hill named Balingkor, in lat. 3° 14' 0" S., long. 116° 13' 20" E. (Notice No. 825 of 1900).

*Variation 2° Easterly in 1900.*

*This Notice affects the following Admiralty Chart :—Pulo Laut strait on sheet No. 2662 ; Also List of Lights, part VI., 1900, page 92 ; Eastern Archipelago, part II., 1893, pages 310 and 307 ; and Supplement, 1899, page 34.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 6.

[Second Publication.]

CHINA SEA—ANNAM COAST.

*Kulao Rai light—Experimentally exhibited.*

WITH reference to Notice to Mariners, No. 144, dated the 23rd July 1897, issued by this office, the British Admiralty has given further notice (No. 826 of 1900), that a third order *white flashing* light every *five seconds* (flash, *one-tenth of a second*; eclipse, *four and nine-tenths seconds*) is experimentally exhibited on Kulao Rai, entrance to Tong King gulf.

Kulao Rai light is elevated 172 feet above high water, and visible in clear whether from a distance of 20 miles, from the bearing of about N. 56° E., through north and west, to S. 72° E.

It is shown from a metal pyramidal tower, coloured grey, about 165 feet high, erected about 2 cables S. 60° W. from the north-east point of the island. (*Notice No. 826 of 1900.*)

Approximate position, lat. 15° 23½' N., long. 109° 6' E.

(*Variation 2° Easterly in 1900.*)

*This Notice affects the following Admiralty Charts:—China sea, Nos. 1263, 2661a; Fan Rang bay to Tong King gulf, No. 1342; Ki Kik bay, No. 1005; Also, List of Lights, part VI., 1900, No. 673; and China Sea Directory, vol. II., 1899, page 417.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 7.

[Second Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

*Isié channel—Rock reported.*

THE British Admiralty has given notice (No. 827 of 1900) that a rock is reported to exist in the fairway of the channel between St. Vincent and Isié passages. It is situated with the rock off the south-east point of Testard island (in line with Kari peak) about N. 37° E., distant half a mile, and the east extreme of Isié island (in line with mount Uanvo) about N. 53° W.

A rock with less than 6 feet over it has been placed on the Chart in this position. (*Notice No. 827 of 1900.*)

Approximate position, lat. 21° 57½' S., long. 165° 56' E.

(*Variation 10° Easterly in 1900.*)

*This Notice affects the following Admiralty Chart:—Port Muco to isle of Pinès, No. 936b; Also, Pacific islands, vol. I, part II, 1893, page 69; and vol. II (now in press), page 326.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 8.

[Second Publication.]

CHINA, EAST—SHANTUNG-KYAU CHAU STRAIT.

*Yu Nui San—Light exhibited—Buoy.*

WITH reference to Notice to Mariners No. 248, dated 28th September last, issued by this office, the British Admiralty has given further notice (No. 828 of 1900), that an electric *white* light, elevated 98 feet above high water, and visible in clear weather from a distance of 16 miles, would be exhibited from an iron lighthouse, with masonry base, constructed on Yu nui san, Kyau chaubay.

Yun ui san light shows the following sectors :—*while occulting* (light, one second ; eclipse, one second) from the bearing of about S. 75° W., through west, to N. 75° W., *while fixed* from about N. 75° W. to N. 63° W. between Siau kung tau and Tai kung tau, *while group occulting* (light, one second ; eclipse, one second ; light, one second ; eclipse, three seconds) from about N. 63° W., through north and east, to about S. 35° W., and obscured in other directions.

Approximate position, lat. 36° 21' N., long. 120° 17½' E.

Also, that a mooring buoy has been established in a depth of 9 fathoms in the man-of-war anchorage with the Observatory time ball station bearing S. 84° E., distant 11 cables. (Notice No 828 of 1900.)

(Variation 3° Westerly in 1900.)

This Notice affects the following Admiralty Charts :—*Kyau chau bay to Miao tau strait* No. 1255 ; *Kyau chau bay*, No. 851 ; Also, *List of Lights, part VI*, 1900, page 130 ; and *China Sea Directory, vol. III*, 1894, page 522 ; and *Supplement*, 1898, page 28.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 9.

[Second Publication.]

#### AUSTRALIA, SOUTH—TASMANIA—PORT HOBART APPROACH.

*One Tree Point—Light exhibited.*

THE British Admiralty has given notice (No. 829 of 1900) that a *white occulting* light, elevated about 41 feet above high water, and visible from a distance of about 8 miles, would be exhibited from a wooden structure erected on One Tree point, river Derwent, port Hobart approach.

The duration of the light is about equal to that of the eclipse. (Notice No. 829 of 1900.)

Approximate position, lat. 42° 55' S., long. 147° 22½' E.

This Notice affects the following Admiralty Charts :—*Approaches to Hobart*, No. 960 ; *port Hobart*, No. 105 ; Also, *List of Lights, part VI*, 1900, page 222 ; and *Australia Directory, vol. I*, 1897, page 701.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 10.

[Second Publication.]

#### AUSTRALIA—NORTH-WEST COAST.

*Dampier archipelago to Lacepede islands.—Islets and shoals reported.*

THE British Admiralty has given notice No. 835 of 1900 of the following particulars of Little Turtle Island, and an Islet, and a shoal in the Dampier archipelago and in the Lacepede group, respectively :—

1. The Sand islet, named Little Turtle island, is just above high-water ordinary springs, and is surrounded by a reef 1½ miles in extent, on the outer edge of which the rocks are above high water.

Approximate position, lat. 20° 1' 30" S., long. 118° 49' 0" E.

2. A small rocky islet, 15 feet high, is situated N. 65° W. 3½ miles from the south extreme of Rosemary island, Dampier archipelago.

Approximate position, lat. 20° 29' 0" S., long. 116° 32' 15" E.

3. A shoal patch, with a depth of from 2 to 3 fathoms over it, at low-water springs, is situated N. 8° W., at a distance of 3 miles from the western extreme of West island, Lacepede islands. (Notice No. 835 of 1900.)

Approximate position, lat.  $16^{\circ} 47' 45''$  S., long.  $122^{\circ} 6' 15''$  E.

(Variation Nil in 1900.)

This Notice affects the following Admiralty Charts:—Australia, No. 475; Bedout island to cape Cuvier, No. 1055; Buccaneer archipelago to Bedout island, No. 1048; Hall point to cape Bertholet, No. 1052: Also Australia Directory, vol. III, 1895, pages 269, 283, 255.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

CALCUTTA, the 12th January 1901.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 11.

[Second Publication.]

CHINA, EAST—SHANTUNG—WEI HAI WEI.

Flagstaff Point—Light altered.

WITH reference to Notice to Mariners No. 276, dated the 28th December 1898, the British Admiralty has given further notice (No. 843 of 1900) that the light on the islet off Flagstaff point, Wei Hai Wei anchorage, has been altered to a *group occulting* light of the 4th order, showing two eclipses every fourteen seconds, thus:—eclipse, two seconds; light, two seconds; eclipse, two seconds; light, eight seconds. It is elevated 53 feet above high water, and shows the following sectors:—white between the bearings of  $S. 44^{\circ} W.$  and  $S. 52^{\circ} W.$  over the fairway through the western entrance), red between  $S. 52^{\circ} W.$ , through west, and  $N. 84^{\circ} W.$ , white between  $N. 84^{\circ} W.$  and  $N. 75^{\circ} W.$  (over the fairway through the (outhern entrance), and red in other directions, the white and red lights being visible in clear weather from distances of 12 and 8 miles respectively.

It is shown from a white iron lighthouse, 24 feet high, near a white dwelling, erected on the site of the former light column. (Notice No. 843 of 1900.)

Approximate position, lat.  $37^{\circ} 30' N.$ , long.  $122^{\circ} 9' E.$

(Variation  $3^{\circ}$  Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Wei Hai Wei harbour, and anchorage, Nos. 2823, 3025: Also, List of Lights, part VI, 1900, No. 785; and China Sea Directory, vol. III, 1894, page 553; and Supplement, 1898, relating to that work, page 28.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 12.

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafuli river.—Depth of water found in the channels.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channel by soundings taken on 9th January and reduced to zero:—

|  |     |     |     |     | Ft. IN. |
|--|-----|-----|-----|-----|---------|
| Track No. 1.—Outer-bar—                    |     |     |     |     |         |
| Disc on diamond                            | ... | ... | ... | ... | 11 3    |
| Track No. 2.—Inner-bar—                    |     |     |     |     |         |
| Disc on diamond                            | ... | ... | ... | ... | 11 6    |
| Track No. 3.—                              |     |     |     |     |         |
| Tripod on cross and ball                   | ... | ... | ... | ... | 21 0    |
| Track No. 4.—                              |     |     |     |     |         |
| Triangle on mast with white and black cask | ... | ... | ... | ... | 22 0    |
| Track No. 5.—Guptakhali crossing—          |     |     |     |     |         |
| Tripod on diamond                          | ... | ... | ... | ... | 20 0    |

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 13.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

*Pulo Rusa reef—Reef to the westward.*

THE British Admiralty has given notice (No. 845 of 1900) of the existence of a reef, which breaks, situated about  $1\frac{3}{4}$  miles to the westward of pulo Rusa in approximately lat.  $5^{\circ} 15' 15''$  N., long.  $95^{\circ} 12' 15''$  E. (Notice No. 845 of 1900.)

This Notice affects the following Admiralty Charts:—Bassein river to pulo Penang, No. 830; Acheh head to Tyngkok bay, No. 2760; Acheh head to Diamond point, No. 219; Also, China Sea Directory, vol. I, 1896, page 253.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 14.

[Second Publication.]

EASTERN ARCHIPELAGO—JAVA, SOUTH COAST.

*Damas and Segoro wedi bays—Reefs in approach.*

THE British Admiralty has given notice (No. 847 of 1900) that the following reefs exist in the approach to Damas and Segoro wedi bays:—

1. A reef which breaks heavily, eastward of Damas bay, in approximately lat.  $8^{\circ} 17'$  S., long.  $111^{\circ} 19'$  E.
2. A reef which also breaks heavily, south-eastward of Sosari island, in approximately lat.  $8^{\circ} 23\frac{1}{2}'$  S., long.  $111^{\circ} 40\frac{1}{2}'$  E.
3. The reef shown on the Chart between Sosari island and the main land is in reality a rocky island. (Notice No. 847 of 1900.)

Approximate position, lat.  $8^{\circ} 22\frac{1}{2}'$  S., long.  $111^{\circ} 40'$  E.

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941a; Java, No. 1654; plan of Segoro wedi bay on sheet No. 932; Also, Eastern Archipelago, part II, 1893, pages 214, 213, 212; and Supplement, 1899, page 23.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 15.

[Second Publication.]

AUSTRALIA—VICTORIA, PORT PHILLIP ENTRANCE.

*Lonsdale point and Shortland bluff lights—Alterations postponed.*

WITH reference to Notice to Mariners No. 128, dated 19th May last, issued by this office, the British Admiralty has given further notice (No. 849 of 1900) that the proposed alteration from fixed to occulting of Lonsdale point light, and change in the sectors of Shortland bluff light, cannot be effected before the 1st June 1901. (Notice No. 849 of 1900.)

Approximate position, lat.  $38^{\circ} 16'$  S., long.  $144^{\circ} 40'$  E.

Further Notice will be given when the alterations have been made.

This Notice affects the following Admiralty Charts:—Bass strait, Nos. 1063, 1695b; port Phillip, Nos. 1171a, 2747a; Also, List of Lights, part VI, 1900, Nos. 1109, 1110, 1111; and Australia, vol. I, 1897, pages 429, 434.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 16.

[Second Publication.]

CHINA—GULF OF PE CHILI.

*Yuensang bank—Shoaler water reported.*

THE British Admiralty has given notice (No. 850 of 1900) that at 9 A.M., on 16th September 1900, a sounding of about 3 fathoms, when reduced to low water, was obtained on the Yuensang bank in lat.  $38^{\circ} 36' N.$ , long.  $119^{\circ} 5' E.$  (Notice No. 850 of 1900.)

This Notice affects the following Admiralty Charts:—*Pe chilli and Liao tung gulfs*, No. 1256; *Li tsin ho to Ning hai*, No. 598: Also *China Sea Directory*, vol. III, 1894, page 621.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 17.

[Second Publication.]

CHINA—GULF OF PE CHILI.

*Howki, and Sha lu tien lights, exhibited during winter.*

THE British Admiralty has given notice (No. 851 of 1900) that Howki island light (rev.) and Sha lu tien island light (fixed) will be exhibited throughout the forthcoming winter. (Notice No. 851 of 1900.)

Approximate position, Howki light, lat.  $38^{\circ} 4' N.$ , long.  $120^{\circ} 39' E.$

“ “ Sha lu tien, lat.  $38^{\circ} 56' N.$ , long.  $118^{\circ} 31' E.$

This Notice affects the following Admiralty Charts:—*Gulf of Pe chili and Liao tung*, No. 1256; *Li tsin ho to Ning hai*, No. 598: Also, *List of Lights*, part VI, 1900, Nos. 787, 789; and *China Sea Directory*, vol. III, 1894, pages 571, 622.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 18.

[Second Publication.]

PACIFIC OCEAN—BISMARCK ARCHIPELAGO.

*Admiralty island—Reef off south coast.*

THE British Admiralty has given notice (No. 857 of 1900) of the existence of a reef off the south coast of Admiralty island, situated with the westernmost of the Johnston island bearing S.  $45^{\circ} E.$ , distant 5 miles, and Sanders point N.  $47^{\circ} E.$

A reef with less than 6 feet has been placed on the Chart in this position. (Notice No. 857 of 1900.)

Approximate position, lat.  $2^{\circ} 21' S.$ , long.  $147^{\circ} 11' E.$

(Variation  $4^{\circ}$  Easterly in 1900.)

This Notice affects the following Admiralty Charts:—*North-east coast of New Guinea*, No. 2766; *Admiralty and Hermit islands* No. 769: Also, *Pacific islands*, vol. I, 1900, page 409.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 2.

[Third Publication.]

AFRICA, EAST COAST—ZANZIBAR.

*Electric light occasionally exhibited.*

THE British Admiralty has given notice (No. 812 of 1900) that information, dated 3rd November 1900, has been received from the Port Officer, Zanzibar, that an electric *white fixed* light is occasionally exhibited from an iron framework tower, 110 feet high, near the Sultan's town palace. It is generally shown from 6 P.M. to 11 P.M., but is not to be depended upon for the purposes of navigation. It may be exhibited from 6 P.M. to 6 A.M. later on. (*Notice No. 812 of 1900.*)

Approximate position, lat.  $6^{\circ} 9\frac{1}{2}'$  S., long.  $39^{\circ} 11\frac{1}{2}'$  E.

*This Notice affects the following Admiralty Chart:—Zanzibar harbour, No. 665; also List of Lights, part VI, 1900, page 20; Africa Pilot, part III, page 444, and Supplement, 1900, page 30.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 7th January 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 3.

[Third Publication.]

AUSTRALIA, EAST COAST—INNER ROUTE.

*Princess Charlotte bay—Coral patch.*

THE British Admiralty has given notice (No. 813 of 1900) of the existence in Princess Charlotte bay of a coral patch from 300 to 400 yards in extent, with several shoal heads, the depth on the shoalest being 3 fathoms, low-water springs, which is situated with Dhu reef beacon bearing N.  $47^{\circ}$  E., distant  $5\frac{1}{2}$  miles, and Ead reef beacon N.  $15^{\circ}$  W. (*Notice No. 813 of 1900.*)

Approximate position, lat.  $14^{\circ} 11'S.$ , long.  $143^{\circ} 56'E.$

(*Variation  $5^{\circ}$  Easterly in 1900.*)

NOTE.—It appears probable that this is the shoal reported by Mr. S. Clarke in 1893, as the depth over it and the bearing of Dhu reef beacon are the same, but the distance given was 7 miles instead of  $5\frac{1}{2}$  miles (*see Notice to Mariners No. 393 of 1893.*)

Mr. Clarke's shoal will be also retained for the present.

*This Notice affects the following Admiralty Chart:—Turtle group to Claremont point, No. 2922; also Australia Directory, Vol. II, 1898, page 384.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 7th January 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 4.

[Third Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

*Information respecting Pilots, &c.*

THE British Admiralty has given the following information in Notice to Mariners No. 816 of 1900, respecting Pilots, &c., in New Caledonia:—

PILOT BOATS have an anchor and number painted in black on the upper part of their sails. When pilots are on board, the pilot jack is hoisted by day, and a white light by night at the gaff.



PILOT STATIONS have been established at Amédée islet, where two pilots and one apprentice are stationed; and at Noumea, Tehio, and Mouéo, where one pilot and one apprentice, respectively, are stationed.

REGULATIONS.—Vessels will be piloted according to the order of their arrival. All vessels are compelled to take a pilot where a pilot station has been established, except vessels of war and local coasting vessels. Vessels bound for any other port, but wishing to call at Noumea, can do so by furnishing the pilot with a certificate to that effect.

PILOT DUES.—Vessels passing through the Bulari channel *en route* for Tehio will pay half dues from Bulari to Havannah in addition to those for entry to or departure from Tehio.

Full dues are to be paid by—

- (a) Vessels coming from sea and taking a pilot.
- (b) Vessels coming from sea which have been met by pilots and do not employ them.
- (c) Vessels coming from sea which enter, or leave, any port in the colony.

Vessels which take a pilot when they are in the channels will only be charged half dues, except in the Bulari channel at night, when full dues must be paid.

Where there is no pilot station, and no pilot goes out to meet the vessel, no pilotage need be paid.

Vessels of war are piloted at half dues. (*Notice No. 816 of 1900.*)

Approximate position, port Noumea, lat.  $22^{\circ} 16' S.$ , long.  $166^{\circ} 26' E.$

*This Notice affects the following Admiralty Charts:—New Caledonia Nos. 936a,b; Uen island to St. Vincent bay, No. 2907; Port Noumea, No. 2069; also, Pacific islands, Vol. I, Part II, 1895, pages 43, 47, 111, 73; and Pacific islands, Vol. II., 1900 (now in Press), pages 312, 313.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 7th January 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*



APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, FEBRUARY 6, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 19.

[First Publication.]

#### EASTERN ARCHIPELAGO—CELEBES ISLAND, NORTH COAST.

*Kwandang bay—Shoal.*

THE British Admiralty has given notice (No. 864 of 1900) of the existence of a sand and coral patch about 250 yards long in an easterly and westerly direction, and 40 yards wide, with a depth over it of  $4\frac{1}{2}$  fathoms, situated with north-east point of Motuo island bearing N.  $71^{\circ}$  W., distant about  $4\frac{1}{2}$  miles.

On the eastern side of the reef there is a depth of 23 fathoms, on the north side 20 fathoms, and on the north-west side 37 fathoms.

Approximate position, lat.  $0^{\circ} 58\frac{1}{2}'$  N., long.  $122^{\circ} 44\frac{1}{2}'$  E.

CAUTION.—From a survey recently received from the Netherlands Government it appears that there are many more dangers in Kwandang bay than are shown on the plan of that bay given on Admiralty Chart No. 2194. This plan must therefore be considered untrustworthy. A new plan is being prepared. (*Notice No. 864 of 1900.*)

(*Variation  $2^{\circ}$  Easterly in 1900.*)

*This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942a Also, Eastern Archipelago, Part II, 1893, page 884; and Supplement, 1899, page 60.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 20.

[First Publication.]

#### EASTERN ARCHIPELAGO—CELEBES.

*Pakalor (Patokor) island—Shoal to the eastward.*

THE British Admiralty has given notice (No. 865 of 1900) that a rock, about 20 yards long and 10 yards wide, with but little water over it, is reported to be situated with Pakalor island, east coast of Celebes, bearing N.  $47^{\circ}$  W., distant 2 cables.

Approximate position, lat.  $0^{\circ} 58'$  N., long.  $124^{\circ} 58'$  E.

Depths of from 13 to 19 fathoms surround this rock, which has been placed on the Chart as a rock with less than 6 feet over it, and there is 13 fathoms between it and the island. (Notice No. 865 of 1900.)

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—*Eastern Archipelago*, No. 942a: Also, *Eastern Archipelago*, Part I, 1890, page 386; Supplement, 1898, page 71; *Eastern Archipelago*, part II, 1893, page 370; and Supplement, 1899, page 59.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 21.

[First Publication.]

## EASTERN ARCHIPELAGO—MAKASSAR STRAIT, NORTHERN ENTRANCE.

*Pulo Sematan—Non-existence of reef to the north-westward.*

THE British Admiralty has given notice (No. 866 of 1900) that the doubtful reef, shown on the Chart with a P, about 12½ miles N. 82° W. from the north point of pulo Sematan, does not exist; it has therefore been erased from the Charts. (Notice No. 866 of 1900.)

Approximate position, lat. 1° 6' N., long. 120° 10' E.

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—*Eastern Archipelago*, No. 941b; *strait of Makassar*, No. 2636: Also, *Eastern Archipelago*, Part II, 1893, page 336.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 22.

[First Publication.]

## EASTERN ARCHIPELAGO—CREAM AND GILLOLO ISLANDS.

*Piru bay and point Sidangoli—Reefs.*

THE British Admiralty has given notice (No. 871 of 1900) of the existence of the following reefs in Piru bay and of point Sidangoli:—

- a. A reef which dries at low water, situated with the western extreme of Babi island, Piru bay, bearing S. 41° E., distant 2¼ miles.

Approximate position, lat. 3° 12' S., long. 128° 7¼' E.

Another reef, which also dries, is situated about 1⅝ miles, N. 41° W. of the above.

Both reefs are marked by fishing stakes.

- b. A reef named Passi Lamo, with a least depth of 2½ fathoms over it, is situated with Sidangoli point bearing N. 88° E., distant 3 miles, and the eastern point of Tidore island S. 2° E.

This reef is about 7½ cables long, N. 24° W. and S. 24° E., and 2 cables wide; it shows as discoloured water. (Notice No. 871 of 1900.)

Approximate position, lat. 0° 54½' N., long. 127° 27' E.

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—*Eastern Archipelago*, No. 942a; *Eastern Archipelago*, Part I, 1890, pages 424, 392.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 23.

[First Publication.]

AUSTRALIA—NEW SOUTH WALES.

*Shoal haven bight—Position of lighthouse.*

THE British Admiralty has given notice (No. 873 of 1900) that the lighthouse in Shoal haven bight, from which a red fixed light is exhibited, is situated on the south point of the entrance to Crook haven river about 3 miles S. 31° E. from its position as shown on the Chart, and not on the north point of entrance to Shoal haven river. (*Notice No. 873 of 1900.*)

Approximate position, lat. 34° 54' S., long. 150° 48' E.

(*Variation 10° Easterly in 1900.*)

*This Notice affects the following Admiralty Charts:—Rame head to port Jackson, No. 1211; Beecroft head to port Jackson, No. 1020; Also, List of Lights, Part VI, 1900, No. 1177; and Australia Directory, vol. I, 1897, pages 803, 801.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 5.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO—PULO LAUT STRAIT.

*Suangi and Kota Baru—Lights established.*

WITH reference to Notice to Mariners Nos. 311 and 312, dated the 7th December last, issued by this office, the British Admiralty has given further notice (No. 825 of 1900), that the following leading lights have been established on the Suangi islands, and also a light at Kota Baru, Pulo Laut strait:—

1. Suangi island rear light is *white fixed*, elevated 154 feet above high water, and visible from about the bearing of N. 13° E. to N. 8° E., and from about S. 35° W. to S. 25° W.

It is shown from an iron skeleton tower 23 feet high, painted white, near the dwelling, erected near the position of the beacon, which is about 7 cables north eastward of the south point of the island.

Approximate position, lat. 3° 27' S., long. 116° 1' E.

2. Suangi island front light is *white fixed*, elevated 36 feet above high water, and visible from about S. 35° W. to S. 25° W.

It is shown from a similar structure to the rear light erected near the beacon on the east side of the islet (Anak Suangi) about 8 cables N. 28° E. from the beacon on Suangi island.

These two lights in line, S. 30° W., lead through the channal abreast of Tampakan island.

The beacons situated close to the position of these lights will be removed now the lights are exhibited.

3. Kota Baru is a *white flashing* light every five seconds, of the 5th order, elevated 223 feet above high water.

It is shown from an iron skeleton tower, with dwelling attached, erected on a hill named Balingkor, in lat. 3° 14' 0" S., long. 116° 13' 20" E. (*Notice No. 825 of 1900.*)

*Variation 2° Easterly in 1900.*

*This Notice affects the following Admiralty Chart:—Pulo Laut strait on sheet No. 2662; Also List of Lights, part VI., 1900, page 92; Eastern Archipelago, part II., 1893, pages 310 and 307; and Supplement, 1899, page 34.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 6.

[Third Publication.]

CHINA SEA—ANNAM COAST.

*Kulao Rai light—Experimentally exhibited.*

WITH reference to Notice to Mariners, No. 144, dated the 23rd July 1897, issued by this office, the British Admiralty has given further notice (No. 826 of 1900), that a third order white flashing light every five seconds (flash, one-tenth of a second; eclipse, four and nine-tenths seconds) is experimentally exhibited on Kulao Rai, entrance to Tong King gulf.

Kulao Rai light is elevated 172 feet above high water, and visible in clear weather from a distance of 20 miles, from the bearing of about N. 56° E., through north and west, to S. 72° E.

It is shown from a metal pyramidal tower, coloured grey, about 165 feet high, erected about 2 cables S. 60° W. from the north-east point of the island. (Notice No. 826 of 1900.)

Approximate position, lat. 15° 23½' N., long. 109° 6' E.

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—China sea, Nos. 1263, 2661a; Fan Rang bay to Tong King gulf, No. 1342; Ki Kik bay, No. 1005; Also, List of Lights, part VI., 1900, No. 673; and China Sea Directory, vol. II., 1899, page 417.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 7.

[Third Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

*Isié channel—Rock reported.*

THE British Admiralty has given notice (No. 827 of 1900) that a rock is reported to exist in the fairway of the channel between St. Vincent and Isié passages. It is situated with the rock off the south-east point of Testard island (in line with Kari peak) about N. 37° E., distant half a mile, and the east extreme of Isié island (in line with mount Uanvo) about N. 53° W.

A rock with less than 6 feet over it has been placed on the Chart in this position. (Notice No. 827 of 1900.)

Approximate position, lat. 21° 57¼' S., long. 165° 56' E.

(Variation 10° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Port Muéo to isle of Pinès, No. 936b; Also, Pacific islands, vol. I, part II, 1893, page 69; and vol. II (now in press), page 326.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 8.

[Third Publication.]

CHINA, EAST—SHANTUNG-KYAU CHAU STRAIT.

*Yu Nui San—Light exhibited—Buoy.*

WITH reference to Notice to Mariners No. 248, dated 28th September last, issued by this office, the British Admiralty has given further notice (No. 828 of 1900), that an electric white light, elevated 98 feet above high water, and visible in clear weather from a distance of 16 miles, would be exhibited from an iron lighthouse, with masonry base, constructed on Yu nui san, Kyau chaubay.

Yun ui san light shows the following sectors :—*white occulting* (light, one second ; eclipse, one second) from the bearing of about S. 75° W., through west, to N. 75° W., *white fixed* from about N. 75° W. to N. 63° W. between Siau kung tau and Tai kung tau, *white group occulting* (light, one second ; eclipse, one second ; light, one second ; eclipse, three seconds) from about N. 63° W., through north and east, to about S. 35° W., and obscured in other directions.

Approximate position, lat. 36° 2½' N., long. 123° 17½' E.

Also, that a mooring buoy has been established in a depth of 9 fathoms in the man-of-war anchorage with the Observatory time ball station bearing S. 84° E., distant 11 cables. (Notice No 828 of 1900.)

(Variation 3° Westerly in 1900.)

This Notice affects the following Admiralty Charts :—*Kyau chau bay to Miao tau strait* No. 1255 ; *Kyau chau bay*, No. 857 ; Also, *List of Lights*, part VI, 1900, page 130 ; and *China Sea Directory*, vol. III, 1894, page 522 ; and Supplement, 1898, page 28.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 9.

[Third Publication.]

## AUSTRALIA, SOUTH—TASMANIA—PORT HOBART APPROACH.

One Tree Point—Light exhibited.

THE British Admiralty has given notice (No. 829 of 1900) that a *white occulting* light, elevated about 41 feet above high water, and visible from a distance of about 8 miles, would be exhibited from a wooden structure erected on One Tree point, river Derwent, port Hobart approach.

The duration of the light is about equal to that of the eclipse. (Notice No. 829 of 1900.)

Approximate position, lat. 42° 55' S., long. 147° 22½' E.

This Notice affects the following Admiralty Charts :—*Approaches to Hobart*, No. 960 ; *port Hobart*, No. 105 ; Also, *List of Lights*, part VI, 1900, page 222 ; and *Australia Directory*, vol. I, 1897, page 701.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 10.

[Third Publication.]

## AUSTRALIA—NORTH-WEST COAST.

*Dampier archipelago to Lacede islands.—Islets and shoals reported.*

THE British Admiralty has given notice No. 835 of 1900 of the following particulars of Little Turtle Island, and an Islet, and a shoal in the Dampier archipelago and in the Lacede group, respectively :—

1. The Sand islet, named Little Turtle island, is just above high-water ordinary springs, and is surrounded by a reef 1½ miles in extent, on the outer edge of which the rocks are above high water.

Approximate position, lat. 20° 1' 30" S., long. 118° 49' 0" E.

2. A small rocky islet, 15 feet high, is situated N. 65° W. 3¼ miles from the south extreme of Rosemary island, Dampier archipelago.

Approximate position, lat. 20° 29' 0" S., long. 116° 32' 15" E.

3. A shoal patch, with a depth of from 2 to 3 fathoms over it, at low-water springs, is situated N. 8° W., at a distance of 3 miles from the western extreme of West island, Lacede islands. (Notice No. 835 of 1900.)



Approximate position, lat.  $16^{\circ} 47' 45''$  S., long.  $122^{\circ} 6' 15''$  E.

(Variation Nil in 1900.)

This Notice affects the following Admiralty Charts:—Australia, No. 475; Bedout island to cape Cuvier, No. 1055; Buccaneer archipelago to Bedout island, No. 1048; Hall point to cape Bertholet, No. 1052: Also Australia Directory, vol. III, 1895, pages 269, 283, 255.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

CALCUTTA, the 12th January 1901.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 11.

[Third Publication.]

CHINA, EAST—SHANTUNG—WEI HAI WEI.

Flagstaff Point—Light altered.

WITH reference to Notice to Mariners No. 276, dated the 28th December 1898, the British Admiralty has given further notice (No. 843 of 1900) that the light on the islet off Flagstaff point, Wei Hai Wei anchorage, has been altered to a group occulting light of the 4th order, showing two eclipses every fourteen seconds, thus:—eclipse, two seconds; light, two seconds; eclipse, two seconds; light, eight seconds. It is elevated 63 feet above high water, and shows the following sectors:—white between the bearings of  $S. 44^{\circ} W.$  and  $S. 52^{\circ} W.$  (over the fairway through the western entrance), red between  $S. 52^{\circ} W.$ , through west, and  $N. 84^{\circ} W.$ , white between  $N. 84^{\circ} W.$  and  $N. 75^{\circ} W.$  (over the fairway through the (outhern entrance), and red in other directions, the white and red lights being visible in clear weather from distances of 12 and 8 miles respectively.

It is shown from a white iron lighthouse, 24 feet high, near a white dwelling, erected on the site of the former light column. (Notice No. 843 of 1900.)

Approximate position, lat.  $37^{\circ} 30' N.$ , long.  $122^{\circ} 9' E.$

(Variation  $3^{\circ}$  Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Wei Hai Wei harbour, and anchorage, Nos. 2823, 3025: Also, List of Lights, part VI, 1900, No. 785; and China Sea Directory, vol. III, 1894, page 553; and Supplement, 1898, relating to that work, page 28.

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Published for general information.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

CALCUTTA, the 12th January 1901.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 12.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafuli river.—Depth of water found in the channels.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channel by soundings taken on 9th January and reduced to zero:—

|  |     |     |     |     | FT. IN. |
|--|-----|-----|-----|-----|---------|
| Track No. 1.—Outer-bar—                    |     |     |     |     |         |
| Disc on diamond                            | ... | ... | ... | ... | 11 3    |
| Track No. 2.—Inner-bar—                    |     |     |     |     |         |
| Disc on diamond                            | ... | ... | ... | ... | 11 6    |
| Track No. 3.—                              |     |     |     |     |         |
| Tripod on cross and ball                   | ... | ... | ... | ... | 21 0    |
| Track No. 4.—                              |     |     |     |     |         |
| Triangle on mast with white and black cask | ... | ... | ... | ... | 22 0    |
| Track No. 5.—Guptakhali crossing—          |     |     |     |     |         |
| Tripod on diamond                          | ... | ... | ... | ... | 20 0    |

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

CALCUTTA, the 14th January 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 13.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

*Pulo Rusa reef—Reef to the westward.*

THE British Admiralty has given notice (No. 845 of 1900) of the existence of a reef, which breaks, situated about 1 $\frac{1}{2}$  miles to the westward of pulo Rusa in approximately lat. 5° 15' 15" N., long. 95° 12' 15" E. (Notice No. 845 of 1900.)

This Notice affects the following Admiralty Charts:—Bassein river to pulo Penang, No. 830; Aceh head to Tyingkok bay, No. 2760; Aceh head to Diamond point, No. 219; Also, China Sea Directory, vol. I, 1896, page 253.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 14.

[Third Publication.]

EASTERN ARCHIPELAGO—JAVA, SOUTH COAST.

*Damas and Segoro wedi bays—Reefs in approach.*

THE British Admiralty has given notice (No. 847 of 1900) that the following reefs exist in the approach to Damas and Segoro wedi bays:—

1. A reef which breaks heavily, eastward of Damas bay, in approximately lat. 8° 17' S., long. 111° 19' E.
2. A reef which also breaks heavily, south-eastward of Sosari island, in approximately lat. 8° 23 $\frac{1}{2}$ ' S., long. 111° 40 $\frac{1}{2}$ ' E.
3. The reef shown on the Chart between Sosari island and the main land is in reality a rocky island. (Notice No. 847 of 1900.)

Approximate position, lat. 8° 22 $\frac{1}{2}$ ' S., long. 111° 40' E.

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941a; Java, No. 1654; plan of Segoro wedi bay on sheet No. 932; Also, Eastern Archipelago, part II, 1893, pages 214, 213, 212; and Supplement, 1899, page 23.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 15.

[Third Publication.]

AUSTRALIA—VICTORIA, PORT PHILLIP ENTRANCE.

*Lonsdale point and Shortland bluff lights—Alterations postponed.*

WITH reference to Notice to Mariners No. 128, dated 19th May last, issued by this office, the British Admiralty has given further notice (No. 849 of 1900) that the proposed alteration from fixed to occulting of Lonsdale point light, and change in the sectors of Shortland bluff light, cannot be effected before the 1st June 1901. (Notice No. 849 of 1900.)

Approximate position, lat. 38° 16' S., long. 144° 40' E.

Further Notice will be given when the alterations have been made.

This Notice affects the following Admiralty Charts:—Bass strait, Nos. 1063, 16956; port Phillip, Nos. 1171a, 2747a; Also, List of Lights, part VI, 1900, Nos. 1109, 1110, 1111; and Australia, vol. I, 1897, pages 429, 434.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 16.

[Third Publication.]

CHINA—GULF OF PE CHILI.

*Yuensang bank—Shoaler water reported.*

THE British Admiralty has given notice (No. 850 of 1900) that at 9 A.M., on 16th September 1900, a sounding of about 3 fathoms, when reduced to low water, was obtained on the Yuensang bank in lat.  $38^{\circ} 35' N.$ , long.  $119^{\circ} 5' E.$  (Notice No. 850 of 1900.)

This Notice affects the following Admiralty Charts:—*Pe chilli and Liou tung gulfs*, No. 1256; *Li tsin ho to Ning hai*, No. 538: Also *China Sea Directory*, vol. III, 1894, page 621.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 17.

[Third Publication.]

CHINA—GULF OF PE CHILI.

*Howki, and Sha lu tien lights, exhibited during winter.*

THE British Admiralty has given notice (No. 851 of 1900) that Howki island light (rev.) and Sha lu tien island light (fixed) will be exhibited throughout the forthcoming winter. (Notice No. 851 of 1900.)

Approximate position, Howki light, lat.  $38^{\circ} 4' N.$ , long.  $120^{\circ} 39' E.$

” ” Sha lu tien, lat.  $38^{\circ} 56' N.$ , long.  $118^{\circ} 31' E.$

This Notice affects the following Admiralty Charts:—*Gulf of Pe chili and Liou tung*, No. 1256; *Li tsin ho to Ning hai*, No. 538: Also, *List of Lights*, part VI, 1900, Nos. 787, 789; and *China Sea Directory*, vol. III, 1894, pages 571, 622.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 18.

[Third Publication.]

PACIFIC OCEAN—BISMARCK ARCHIPELAGO.

*Admiralty island—Reef off south coast.*

THE British Admiralty has given notice (No. 857 of 1900) of the existence of a reef off the south coast of Admiralty island, situated with the westernmost of the Johnston island bearing S.  $45^{\circ} E.$ , distant 5 miles, and Sanders point N.  $47^{\circ} E.$

A reef with less than 6 feet has been placed on the Chart in this position. (Notice No. 857 of 1900.)

Approximate position, lat.  $2^{\circ} 21' S.$ , long.  $147^{\circ} 11' E.$

(Variation  $4^{\circ}$  Easterly in 1900.)

This Notice affects the following Admiralty Charts:—*North-east coast of New Guinea*, No. 2766; *Admiralty and Hermit islands* No. 769: Also, *Pacific islands*, vol. I, 1900, page 409.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th January 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.





APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, FEBRUARY 13, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 24.

[First Publication.]

INDIA, WEST—BOMBAY COAST.

*Mormugao harbour—Leading lights, buoys, &c.*

THE following Notice to Mariners (No. 4 of 1901) issued by the Bombay Government is republished:—

The Agent, West of India Portuguese Guaranteed Railway Company, Limited, gives notice, dated 10th January 1901, that two white fixed leading lights, visible from a distance of twelve miles, are exhibited from cylindrical columns, painted white, in Mormugao harbour; the front light is situated on Chiquilim Point, the rear light on Secretario Island, about fourteen cables S. 78° E. from the front light.

Approximate position:—

Front light—Latitude 15° 24' 35" N.  
Longitude 73° 49' 50" E.

The above two lights in line S. 78° E. lead into the harbour.

Also that it is intended to exhibit at the junction of breakwater and quay wall a fixed red and white light in place of the light now shown from one of the railway sheds; the red light will be visible through an arc of 107° four miles including the breakwater; the white light through an arc of 73° over the anchorage.

The black can buoy marking the Mormugao rock and the red light at the end of the breakwater have been withdrawn.

*This Notice affects the following publications:—Achra River to Cape Ramas, No. 740; Agoada to St. George's Islands, No. 492; Also, List of Lights, part VI, 1900, page 40, and West Coast of Hindustan Pilot, 1898, page 161.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 25.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

*Dolphin shoal buoy adrift.*

A TELEGRAPHIC communication has been received from the Port Officer, Chittagong, stating that the Dolphin shoal buoy has gone adrift, but will shortly be replaced.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 26.

[First Publication.]

AUSTRALIA, SOUTH—APPROACH TO SPENCER GULF AND INVESTIGATOR STRAIT.

*Neptune islands—Date of exhibition of light.*

WITH reference to Notice to Mariners No. 137, dated 26th May 1900, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 1 of 1901) that the proposed light on the South Neptune Island, at the approach to Spencer Gulf and Investigator Strait, will, in all probability, be exhibited about 1st October 1901.

A further notice giving full particulars as to the character of the light, actual date of illumination, &c., will be issued as early as possible.

*This affects Admiralty Chart No. 2389.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 27.

[First Publication.]

GULF OF ADEN—ZEILA ROADSTEAD.

*Filfil and Channel reef buoys—Description and position.*

WITH reference to Notice to Mariners Nos. 70 and 178, dated respectively the 12th March and 23rd July 1900, issued by this Office, the British Admiralty has given further notice (No. 9 of 1901) that further information has been received respecting the description and positions of the undermentioned buoys in Zeila roadstead:—

Shab Filfil buoy is red in the form of a truncated cone, and surmounted by staff and cage, it is moored with the south-eastern extreme of Shab Filfil bearing N. 12° E., distant 5 cables, and the wreck on the eastern extreme of the spit off Zeila S. 50° W.

Channel reef buoy is conical, painted in black and white horizontal bands surmounted by staff and ball, and is moored about 3½ cables southward of its position as shown on the chart with Aibat beacon bearing N. 56° W., distant 6 miles, and Zeila consulate bearing S. 40° W. (*Notice No. 9 of 1901.*)

Approximate position, lat. 11° 27½' N., long. 43° 33' E.

(*Variation 3° Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—Zeila roadstead, No. 919: Also, Red Sea and Gulf of Aden Pilot, 1900, page 373.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 28.

[First Publication.]

CHINA—RIVER MIN.

*Tintao—Rocks to the northward.*

THE British Admiralty has given notice (No. 10 of 1901) of the existence of a rock with a least depth over it of about 5 feet, low-water springs, northward of Tintao: it is situated with Red peak bearing S. 66° W., distant 2 cables, and Kaulin head S. 56° E.

Approximate position, lat. 26° 5' N., long. 119° 31' E.

There is another rock between the above and the western bank of the river. (*Notice No. 10 of 1901.*)

(*Variation 1° Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—River Min, No. 2400: Also, China Sea Directory, vol. III, 1894, page 285; and Supplement, 1898, page 23.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 29.

[First Publication.]

AUSTRALIA—TORRES STRAIT.

*Hovell rock—Buoy shifted.*

THE British Admiralty has given notice (No. 12 of 1901) that the buoy (can, red and white) marking the north-east point of Hovell rock has been moved about one cable south-eastward to mark the eastern extreme of that rock; it is now situated with red beacon bearing S. 18° W., distant 1½ cables, and Vivien point N. 77° W.

Also, that the shoal of Vivien point is extending to the westward, the edge being now about 2 cables S. 80° W. from that point. (*Notice No. 12 of 1901.*)

Approximate position, lat. 10° 35' S., long. 142° 13' E.

(*Variation 4° Easterly in 1901.*)

*This Notice affects the following Admiralty Charts:—Normanby sound, No. 691; Thursaay island harbour, No. 383: Also, Australia Directory, vol. II, 1898, page 465.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 30.

[First Publication.]

JAPAN—YEZO ISLAND.

*Cape Nosshar—Wakkanai light exhibited—Fog signal.*

THE British Admiralty has given notice (No. 13 of 1901) that, on and after 10th December 1900, a white group flashing light of the 3rd order and 54,340 candle power would be exhibited from a lighthouse, named Wakkanai, situated on cape Nosshar.

Wakkanai light shows two flashes of five seconds duration in succession, the interval between the groups of flashes being fifteen seconds. It is elevated 138 feet above high water, and visible in clear weather from a distance of 18 miles, from the bearing of N. 27° E., through east and south, to N. 44° W.; it is exhibited from an iron cylindrical tower, painted red, about 34 feet high, erected on the cape, in lat. 45° 26' 30" N., long. 141° 38' 40" E.



During thick or foggy weather a siren will give two blasts of different tones in succession every two minutes, thus:—blast (low), two seconds; silent interval, four seconds; blast (high), two seconds; silent interval, one hundred and twelve seconds. (Notice No. 13 of 1901.)

(Variation 6° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Kuril islands, No. 2405; Yezo island, No. 452; Also, List of Lights, part VI, 1900, No. 949a; and China Sea Directory, vol. IV, 1894, page 587; and Supplement, 1898, page 32.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 31.

[First Publication.]

KOREAN ARCHIPELAGO—QUELTART ISLAND.

Rock off North coast.

THE British Admiralty has given notice (No. 14 of 1901) of the existence of a rock with a depth at low water of  $1\frac{1}{2}$  fathoms over it, on which the S.S. *Satsuma Maru* struck, situated about  $6\frac{1}{2}$  miles N.  $67^{\circ}$  W. from Beaufort island: it appears to be the head of a reef extending about half-a-mile from the coast in approximately lat.  $33^{\circ} 32' 55''$  N., long.  $126^{\circ} 49' 40''$  E. (Notice No. 14 of 1901.)

(Variation  $3^{\circ}$  Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Korean Archipelago No. 104: Also, China Sea Directory, vol. IV, 1894, page 93.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 32.

[First Publication.]

JAPAN—KIUSIU.

Nagasaki harbour—Wreck in entrance.

THE British Admiralty has given notice (No. 15 of 1901) that a wreck lies sunk in the entrance to Nagasaki harbour, with Io Sima lighthouse bearing S.  $82^{\circ}$  W., distant 18 cables, and Kageno jima summit (208 feet) S.  $58^{\circ}$  E.

The position is marked by a small junk. (Notice No. 15 of 1901.)

Approximate position, lat.  $32^{\circ} 43'$  N., long.  $129^{\circ} 47'$  E.

(Variation  $4^{\circ}$  Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Nagasaki harbour, No. 2415: Also, China Sea Directory, vol. IV, 1894, page 500.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

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C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 33.

[First Publication.]

RED SEA—STRAIT OF BAB-EL-MANDEB.

*Zi hill—Approximate height.*

THE British Admiralty has given notice (No. 26 of 1901) that from recent observations it appears that the height of Zi hill is more nearly 200 feet than 300 feet above high water as shown on the Admiralty chart, but as there has been no survey of the vicinity, this figure must be regarded as very approximate.

CAUTION.—Communications received on the subject of the height of Zi hill showing that its elevation has been used as a means of obtaining the distance of ships from the coast, Mariners are hereby warned of the danger of employing this method of obtaining position unless both the height and the position of the object selected have been carefully determined in the course of an accurate survey. This may sometimes be judged by the appearance of the Chart and the date of the survey, but in the majority of cases heights on Admiralty Charts can only be regarded as approximate. (*Notice No. 26 of 1901.*)

Approximate position, lat.  $12^{\circ} 57\frac{1}{2}'$  N., long.  $43^{\circ} 24'$  E.

*This Notice affects the following Admiralty Charts:—Gulf of Aden, No. 66; Red Sea, No. 86; Jebel Teir to Perim island, No. 143: Also, Red Sea Pilot, 1900, page 340.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 34.

[First Publication.]

KOREA—CHEMULPHO APPROACH.

*Rock southward of Baker island.*

THE British Admiralty has given notice (No. 27 of 1901) of the existence of a sunken rock, with a depth of  $2\frac{1}{2}$  feet over it, in the East channel, Chemulpho, situated with the eastern extreme of the 163 feet island, southward of Baker island, bearing N.  $56^{\circ}$  W., distant  $1\frac{1}{2}$  cables, and the rock off the south-eastern extreme of Baker island N.  $31^{\circ}$  E. (*Notice No. 27 of 1901.*)

Approximate position, lat.  $37^{\circ} 07'$  N., long.  $126^{\circ} 18'$  E.

(*Variation  $4^{\circ}$  Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—Approaches to Chemulpho, No. 1270: Also, China Sea Directory, vol. IV., 1894, page 62.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

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C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 35.

[First Publication.]

CHINA SEA—PESCADORES ISLANDS.

*Ponghau (Hoko to) island—Position of Courbet and other rocks.*

WITH reference to Notice to Mariners No. 328, dated 14th December 1900, issued by this office, the British Admiralty has given further notice (No. 28 of 1901) respecting Courbet rock and of the existence of other rocks eastward of Ponghau or Hoko to island:—

- a. Courbet rock.—The assigned position of this rock has been examined without finding it or any indication of it, depths of from 33 to 20 fathoms being obtained near the spot. It is, therefore, considered that Courbet rock is identical with Kentei rock, which is about  $1\frac{1}{2}$  cables in extent, with a least depth over it of  $1\frac{3}{4}$  fathoms, situated with Keangli (Keihékisan) point bearing S.  $86^{\circ}$  W., distant nearly 4 miles, and Round (Yo sho) island S.  $25^{\circ}$  W.

Approximate position, lat.  $23^{\circ} 35\frac{1}{2}'$  N., long.  $119^{\circ} 44'$  E.

Courbet rock has consequently been erased from the charts.

- b. A rock named NAIKIMUTĀ, with a least depth of 2 fathoms over it, exists in a position with Round island bearing S. 9° W., distant 2½ miles, and Keangli point, S. 84° W.
- c. A rock named PĀKIMUTĀ, with a least depth of 7 fathoms, is situated with Round island bearing S. 12° W., distant about 4¼ miles, and Keangli point S. 65° W. (Notice No. 28 of 1901.)

(Variation Nil in 1901.)

This Notice affects the following Admiralty Charts:—Formosa island and strait, No. 1968; The Brothers to Ockseu islands, No. 1760; West Coast of Formosa, No. 2409; The Pescadores islands, No. 1961; Also, China Sea Directory, vol. III, 1894, page 217; and Supplement, 1898, page 18.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 36.

[First Publication.]

EASTERN ARCHIPELAGO—MALACCA STRAIT, KWALA KLANG APPROACH.

Sail rock marked by beacon.

THE British Admiralty has given notice (No. 30 of 1901) that a moderate sized beacon, 18 feet high, and painted grey, has been erected on Sail rock, Kwala Klang approach, the buoy which formerly marked it having apparently been withdrawn. (Notice No. 30 of 1901.)

Approximate position, lat. 3° 11½' N., long. 101° 16' E.

This Notice affects the following Admiralty Chart:—Pulo Berhala to cape Rachado No. 794: Also, China Sea Directory, vol. I, 1896, page 170.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

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CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 37.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Spit Tongue buoy moved.

WITH reference to Notice to Mariners, No. 305, dated 27th November 1900, issued by this Office, the British Admiralty has given notice [No. 33 of 1901 (b)] that Spit Tongue buoy (black can) has been moved, S. 71° E., one cable from its former position, and is now moored on the edge of the 3-fathom line in a depth of 25 feet. (Notice No. 33 of 1901.)

Approximate position, lat. 16° 27' N., long 96° 21½' E.

(Variation 1° Easterly in 1901.)

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 38.

[First Publication.]

AFRICA, EAST COAST—DELAGOA BAY.

*Cockburn channel—Light exhibited.*

WITH reference to Notice to Mariners, No. 276, dated 26th October 1900, issued by this Office, the British Admiralty has given further notice (No. 36 of 1901) that, on and after 1st January 1901, a *white fixed* light, elevated 39 feet above high water, and visible from a distance of 12 miles, would be exhibited from an iron pile structure erected on the Cockburn shoal, about one cable south of the black pyramid buoy on the north end of the Cockburn shoal as shown in Chart No. 644 since 1898.

From the lighthouse Gibbon point beacon bears S. 15° W., distant 4½ miles, and cape Inyack lighthouse S. 25° E. (*Notice No. 36 of 1901.*)

Approximate position, lat. 25° 53' 20" S., long 32° 53' 40" E.

(*Variation 23° Westerly in 1901.*)

*This Notice affects the following Admiralty Charts:—Tugela river to Delagoa bay, No. 2089; Delagoa bay, No. 644; Also, List of Lights, part VI, 1900, No. 39, and Africa Pilot, part III, 1897, page 190.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 39.

[First Publication.]

CHINA—GULF OF PE CHI LI.

*Shanhaikwan and Chingwangtao lights exhibited.*

THE British Admiralty has given notice (No. 37 of 1901) that the undermentioned temporary dioptric lights of the 6th order have been exhibited in the Gulf of Pe chi li:—

1. Shanhaikwan light is *white fixed*, elevated 84 feet above high water, and visible in clear weather from a distance of 10 miles: it is shown from a mast erected on the outer bastion of the Great Wall immediately below the Pagoda on No. 1 Fort; the mast, keeper's hut and parapet are all painted white.

Approximate position, lat. 39° 58' N., long. 119° 48½' E.

2. Chingwangtao is a *white group occulting* light showing two eclipses every twenty seconds (thus—light fourteen seconds, eclipse two seconds, light two seconds, eclipse two seconds—), elevated 87 feet above high water and visible in clear weather from a distance of 10 miles; it is shown from a white mast 38 feet high erected near the south-western extremity of the bluff. (*Notice No. 37 of 1901.*)

Approximate position, lat. 39° 55' N., long. 119° 38' E.

*This Notice affects the following Admiralty Charts:—Hong-Kong to Liau tung gulf, No. 1262; Pe chi li gulf, &c., No. 1256; Chingwangtao, No. 2357; Also, List of Lights, part VI, 1900, page 132; China Sea Directory, vol. III, 1894, pages 626, 627, and Supplement, 1898, page 31.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 40.

[First Publication.]

JAPAN—KIUSIU, EAST COAST.

*Saiki bay—Position of Sukanose.*

WITH reference to Notice to Mariners No. 217, dated the 31st August 1900, issued by this office, the British Admiralty has given further notice (No. 45 of 1901) that Sukanose

Saiki bay, a rock with a depth of 6 fathoms over it, is situated with Mitsu bosi (northern rock) bearing S.  $1^{\circ}$  W., distant  $2\frac{1}{2}$  cables, and Mura haye S.  $84^{\circ}$  E., and not as given in the abovementioned notice. This rock is connected by a reef with South Kando shima. (*Notice No. 45 of 1901.*)

Approximate position, lat.  $33^{\circ} 1' N.$ , long.  $131^{\circ} 54\frac{1}{2}' E.$   
(*Variation  $4^{\circ}$  Westerly in 1901.*)

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 41.

[First Publication.]

CHINA SEA—BANKA STRAIT.

*Palembang river light buoy established.*

THE British Admiralty has given notice (No. 46 of 1901) that a light buoy painted red and exhibiting a red fixed light has been established to mark the bank extending northward from Pulo Payung, Sungi Sunsang or Palembang river. It is situated with Sunsang flag-staff bearing S.  $51^{\circ}$  W., distant one mile. (*Notice No. 46 of 1901.*)

Approximate position, lat.  $2^{\circ} 20' S.$ , long.  $104^{\circ} 56' E.$

(*Variation  $2^{\circ}$  Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Banka strait, No. 2597: Also, China Sea Directory, vol. I, 1896, page 399; and Supplement, 1899, relating to that work, page 34.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 42.

[First Publication.]

NEW ZEALAND—HAURAKI GULF.

*Coromandel harbour—Rocks reported.*

THE British Admiralty has given notice (No. 49 of 1901) that information has been received from the Government of New Zealand that the following rocks have been reported to exist in the approach to Coromandel harbour:—

1. A rock, with a depth of 2 fathoms over it at low-water springs, about three-quarters of a mile N.  $43^{\circ}$  E. from Tuhua island.

Approximate position, lat.  $36^{\circ} 48' S.$ , long.  $175^{\circ} 26\frac{1}{2}' E.$

2. A sunken rock midway between Huieh island and the islet, about 2 cables north-eastward of it.

3. A rock, which uncovers at low-water springs, one mile N.  $56^{\circ}$  E. from the north point of Huieh island. (*Notice No. 49 of 1901.*)

(*Variation  $14^{\circ}$  Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Maunganui bluff to Manukau harbour, &c., No. 2543; Coromandel harbour, No. 2035: Also, New Zealand Pilot, 1891, pages 111, 112.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 19.

[Second Publication.]

EASTERN ARCHIPELAGO—CELEBES ISLAND, NORTH COAST.

*Kwandang bay—Shoal.*

THE British Admiralty has given notice (No. 864 of 1900) of the existence of a sand and coral patch about 250 yards long in an easterly and westerly direction, and 40 yards wide, with a depth over it of  $4\frac{1}{2}$  fathoms, situated with north-east point of Motuo island bearing N.  $71^{\circ}$  W., distant about  $4\frac{3}{4}$  miles.

On the eastern side of the reef there is a depth of 23 fathoms, on the north side 20 fathoms, and on the north-west side 37 fathoms.

Approximate position, lat.  $0^{\circ} 58\frac{1}{2}'$  N., long.  $122^{\circ} 44\frac{3}{4}'$  E.

CAUTION.—From a survey recently received from the Netherlands Government it appears that there are many more dangers in Kwandang bay than are shown on the plan of that bay given on Admiralty Chart No. 2194. This plan must therefore be considered untrustworthy. A new plan is being prepared. (*Notice No. 864 of 1900.*)

(*Variation  $2^{\circ}$  Easterly in 1900.*)

*This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942a Also, Eastern Archipelago, Part II, 1898, page 884; and Supplement, 1899, page 60.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 20.

[Second Publication.]

EASTERN ARCHIPELAGO—CELEBES.

*Pakalor (Patohor) island—Shoal to the eastward.*

THE British Admiralty has given notice (No. 865 of 1900) that a rock, about 20 yards long and 10 yards wide, with but little water over it, is reported to be situated with Pakalor island, east coast of Celebes, bearing N.  $47^{\circ}$  W., distant 2 cables.

Approximate position, lat.  $0^{\circ} 58'$  N., long.  $124^{\circ} 58'$  E.

Depths of from 13 to 19 fathoms surround this rock, which has been placed on the Chart as a rock with less than 6 feet over it, and there is 13 fathoms between it and the island. (*Notice No. 865 of 1900.*)

(*Variation  $2^{\circ}$  Easterly in 1900.*)

*This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942a: Also, Eastern Archipelago, Part I, 1890, page 586; Supplement, 1898, page 71; Eastern Archipelago, part II, 1893, page 370; and Supplement, 1899, page 59.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*



## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 21.

[Second Publication.]

## EASTERN ARCHIPELAGO—MAKASSAR STRAIT, NORTHERN ENTRANCE.

*Pulo Sematan—Non-existence of reef to the north-westward.*

THE British Admiralty has given notice (No. 866 of 1900) that the doubtful reef, shown on the Chart with a P, about  $12\frac{1}{2}$  miles N.  $82^{\circ}$  W. from the north point of pulo Sematan, does not exist; it has therefore been erased from the Charts. (*Notice No. 866 of 1900.*)

Approximate position, lat.  $1^{\circ} 6' N.$ , long.  $120^{\circ} 10' E.$

(*Variation  $2^{\circ}$  Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—*Eastern Archipelago, No. 941b; strait of Makassar, No. 2636: Also, Eastern Archipelago, Part II, 1893, page 336.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

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CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 22.

[Second Publication.]

## EASTERN ARCHIPELAGO—CREAM AND GILLOLO ISLANDS.

*Piru bay and point Sidangoli—Reefs.*

THE British Admiralty has given notice (No. 871 of 1900) of the existence of the following reefs in Piru bay and of point Sidangoli:—

- a. A reef which dries at low water, situated with the western extreme of Babi island, Piru bay, bearing S.  $41^{\circ}$  E., distant  $2\frac{1}{16}$  miles.

Approximate position, lat.  $3^{\circ} 12' S.$ , long.  $128^{\circ} 7\frac{1}{2}' E.$

Another reef, which also dries, is situated about  $1\frac{2}{16}$  miles, N.  $41^{\circ}$  W. of the above.

Both reefs are marked by fishing stakes.

- b. A reef named Passi Lamo, with a least depth of  $2\frac{1}{2}$  fathoms over it, is situated with Sidangoli point bearing N.  $88^{\circ}$  E., distant 3 miles, and the eastern point of Tidore island S.  $2^{\circ}$  E.

This reef is about  $7\frac{1}{2}$  cables long, N.  $24^{\circ}$  W. and S.  $24^{\circ}$  E., and 2 cables wide; it shows as discoloured water. (*Notice No. 871 of 1900.*)

Approximate position, lat.  $0^{\circ} 54\frac{1}{2}' N.$ , long.  $127^{\circ} 27' E.$

(*Variation  $2^{\circ}$  Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—*Eastern Archipelago, No. 942a; Eastern Archipelago, Part I, 1890, pages 424, 392.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

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C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 23.

[Second Publication.]

## AUSTRALIA—NEW SOUTH WALES.

*Shoal haven light—Position of lighthouse.*

THE British Admiralty has given notice (No. 873 of 1900) that the lighthouse in Shoal haven light, from which a red fixed light is exhibited, is situated on the south point of the

entrance to Crook haven river about 3 miles S.  $31^{\circ}$  E. from its position as shown on the Chart, and not on the north point of entrance to Shoal haven river. (*Notice No. 873 of 1900.*)

Approximate position, lat.  $34^{\circ} 54'$  S., long.  $150^{\circ} 48'$  E.

(*Variation  $10^{\circ}$  Easterly in 1900.*)

*This Notice affects the following Admiralty Charts:—Rame head to port Jackson, No. 1211; Beecroft head to port Jackson, No. 1020: Also, List of Lights, Part VI, 1900, No. 1177; and Australia Directory, vol. I, 1897, pages 803, 801.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

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C. B. BAYLEY,  
*Asst. Secy., Marine Department.*



APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, FEBRUARY 20, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 43.

[First Publication.]

AUSTRALIA—VICTORIA.

*Port Phillip entrance—Intended alteration of buoyage and lights in West channel.*

THE British Admiralty has given notice (No. 50 of 1901) that it is intended, on 13th February 1901, to commence altering the lights and buoyage in the West channel to port Phillip as follows:—

1. The Pile light on the West sand will show the following sectors: *white* from the bearing of N. 34° E. through north to N. 77° W., *red* from N. 77° W. through west to S. 80° W., *white* from S. 80° W. through south to S. 14° E., and *red* from S. 14° E. through east to N. 34° E.

Approximate position, lat. 38° 11½' S., long. 144° 45½' E.

2. Popes Eye bank.—A *white* occulting light, elevated 24 feet above high water, and visible in clear weather from a distance of 7 miles, will be established and shown from a beacon near Popes Eye fort.
3. Swanspit gas buoy, exhibiting a red occulting light, will be replaced by a can buoy.
4. No. 4 buoy (red conical) will be moved about 2 cables S. 8° W. from its present position to mark the south-western extremity of the shoal.
5. Swashway buoy (red conical) will be replaced by a gas buoy, exhibiting a *red* fixed light, at the northern extremity of Royal George shoal.
6. No. 2, Royal George shoal buoy, exhibiting white occulting light, will be altered to show a *red* occulting light.

Approximate position, lat. 38° 16' S., long. 144° 41½' E.

(Variation 8° Easterly in 1901.)

Further Notice will be given when these alterations are carried out. (Notice No. 50 of 1901.)

This Notice affects the following Admiralty Chart:—Port Phillip entrance, No. 1171a, 2747a: Also, List of Lights, part VI, 1900, No. 1116, page 182; and Australia Directory, vol. I, 1897, pages 445, 446, 447.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

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CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 44.

[First Publication.]

## NORTH PACIFIC OCEAN.

*Grampus islands—Non-existence of—.*

THE British Admiralty has given notice (No. 54 of 1901) that the Commander of H.I.J.M.S. *Kongō* reports that he passed under favourable conditions over the assigned position of the Grampus islands without seeing any indication of them.

Approximate position, lat.  $25^{\circ} 10' N.$ , long.  $146^{\circ} 40' E.$

They were not seen by either of the U.S. ships *Alert* in 1881, or *Ropes* in 1893.

The Grampus islands were originally reported by Captain Meares in 1788, *vide* "Meares Voyage," page 94. In the account of his voyage it appears that he placed the Freewill islands (New Guinea)  $3^{\circ}$  eastward of their position as now accepted, and that four days after he had passed the Grampus islands he saw Lots Wife, which he placed  $2\frac{1}{2}^{\circ}$  eastward of the position now accepted for that island. Taking these facts into consideration, it appears highly probable that the islands he called Grampus were really some of the Volcano group.

The Grampus islands have sometimes been thought to be the Sebastian Lobos islands originally reported as being in  $25^{\circ} 40' N.$ ,  $154^{\circ} 0' E.$ , and the name Sebastian Lobos has been given, as well as Grampus, to the islands shown on the Admiralty chart in  $25^{\circ} 10' N.$ ,  $146^{\circ} 40' E.$ , but as neither of these islands have been reported more than once and have never been seen since, it is considered they do not exist, and they have been consequently expunged from the Admiralty charts. (Notice No. 54 of 1901.)

This Notice affects the following Admiralty Charts:—Atlantic and Indian Oceans, No. 2483; Pacific Ocean, Nos. 2683, 781; Also, China Sea Directory, vol. IV, 1894, page #05; and Pacific Islands, vol. I, 1900, page 451.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

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CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 45.

[First Publication.]

## AFRICA, SOUTH—NATAL.

*Tugela river entrance—Rock reported.*

THE British Admiralty has given notice (No. 57 of 1901) that the Captain of the German S.S. *General* reports having struck on a shoal with a depth over it of from 3 to  $3\frac{1}{2}$  fathoms low water, at the entrance to the Tugela river in approximately lat.  $29^{\circ} 14' S.$ , long.  $31^{\circ} 33' E.$  (Notice No. 57 of 1901.)

This Notice affects the following Admiralty Charts:—Tugela river to Delagoa bay, No. 2089; Umtavuna river to Tugela river, No. 2088; Also, Africa Pilot, part III, 1897, page 181.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 46.

[First Publication.]

## AFRICA, NORTH-EAST—GULF OF ADEN.

*Cape Guardafui—Bank off—.*

THE British Admiralty has given notice (No. 59 of 1901) that information, dated 11th January 1901, has been received from Commander W. D. Worcester, R.N.R., Commanding P. & O. Co.'s S.S. *India*, that, on 22nd October 1900, he obtained a sounding of 42 fathoms, coarse sand and shell, off Cape Guardafui in approximately lat.  $12^{\circ} 17' N.$ , long  $51^{\circ} 11' E.$

This may be on a new bank, or an extension of the bank now shown on the Admiralty Chart. (*Notice No. 59 of 1901.*)

*This Notice affects the following Admiralty Chart:—Gulf of Aden, No. 6a: Also, Red sea and Gulf of Aden Pilot, 1900, page 38.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 47.

[First Publication.]

INDIA, WEST—MALABAR COAST.

*Port of Hangarkotta—Light discontinued.*

With reference to Notice to Mariners No. 106, dated the 24th April 1900, issued by this office, the Presidency Port Officer, Madras, has given notice (No. 2 of 1901) that as the dangers outside Hangarkotta are now covered by the new 5th order light exhibited on Deria Bahadur Ghur island, the 6th order Red dioptric port light now exhibited at the port of Hankarkotta will be discontinued.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 48.

[First Publication.]

AFRICA, NORTH-EAST—GULF OF ADEN.

*Aden harbour.—Burning of a blue light by pilot.*

THE Bombay Government has given notice (No. 7 of 1901) that on and from 1st February 1901 a blue light will be burnt by the pilot in his boat when he leaves the light ship to meet a vessel. This will show the position of his boat and enable the steamer to proceed towards him, and thereafter he will flash a white light at frequent intervals.

*This notice affects Admiralty Light List, Part VI, 1900, page 22.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 24.

[Second Publication.]

INDIA, WEST—BOMBAY COAST.

*Mormugao harbour—Leading lights, buoys, &c.*

THE following Notice to Mariners (No. 4 of 1901) issued by the Bombay Government is republished:—

The Agent, West of India Portuguese Guaranteed Railway Company, Limited, gives notice, dated 10th January 1901, that two white fixed leading lights, visible from a distance of twelve miles, are exhibited from cylindrical columns, painted white, in Mormugao

harbour; the front light is situated on Chiquilim Point, the rear light on Secretario Island, about fourteen cables S. 78° E. from the front light.

Approximate position :—

Front light—Latitude 15° 24' 35" N.  
Longitude 73° 49' 50" E.

The above two lights in line S. 78° E. lead into the harbour.

Also that it is intended to exhibit at the junction of breakwater and quay wall a fixed red and white light in place of the light now shown from one of the railway sheds; the red light will be visible through an arc of 107° four miles including the breakwater; the white light through an arc of 73° over the anchorage.

The black can buoy marking the Mormugao rock and the red light at the end of the breakwater have been withdrawn.

This Notice affects the following publications:—*Achra River to Cope Ramas*, No. 740; *Agoda to St. George's Islands*, No. 492; Also, *List of Lights*, part VI, 1900, page 40, and *West Coast of Hindustan Pilot*, 1898, page 161.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 25.

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

*Dolphin shoal buoy adrift.*

A TELEGRAPHIC communication has been received from the Port Officer, Chittagong, stating that the Dolphin shoal buoy has gone adrift, but will shortly be replaced.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 26.

[Second Publication.]

AUSTRALIA, SOUTH—APPROACH TO SPENCER GULF AND INVESTIGATOR STRAIT.

*Neptune islands—Date of exhibition of light.*

With reference to Notice to Mariners No. 137, dated 26th May 1900, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 1 of 1901) that the proposed light on the South Neptune Island, at the approach to Spencer Gulf and Investigator Strait, will, in all probability, be exhibited about 1st October 1901.

A further notice giving full particulars as to the character of the light, actual date of illumination, &c., will be issued as early as possible.

This affects Admiralty Chart No. 2389.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 27.

[Second Publication.]

GULF OF ADEN—ZEILA ROADSTEAD.

*Filfil and Channel reef buoys—Description and position.*

WITH reference to Notice to Mariners Nos. 70 and 178, dated respectively the 12th March and 23rd July 1900, issued by this Office, the British Admiralty has given further notice (No. 9 of 1901) that further information has been received respecting the description and positions of the undermentioned buoys in Zeila roadstead:—

Shab Filfil buoy is red in the form of a truncated cone, and surmounted by staff and cage, it is moored with the south-eastern extreme of Shab Filfil bearing N. 12° E., distant 5 cables, and the wreck on the eastern extreme of the spit off Zeila S. 50° W.

Channel reef buoy is conical, painted in black and white horizontal bands surmounted by staff and ball, and is moored about 3½ cables southward of its position as shown on the chart with Aibat beacon bearing N. 56° W., distant 6 miles, and Zeila consulate bearing S. 40° W. (*Notice No. 9 of 1901.*)

Approximate position, lat. 11° 27½' N., long. 43° 33' E.

(*Variation 3° Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—Zeila roadstead, No. 919: Also, Red Sea and Gulf of Aden Pilot, 1900, page 375.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 28.

[Second Publication.]

CHINA—RIVER MIN.

*Tintao—Rocks to the northward.*

THE British Admiralty has given notice (No. 10 of 1901) of the existence of a rock with a least depth over it of about 5 feet, low-water springs, northward of Tintao: it is situated with Red peak bearing S. 66° W., distant 2 cables, and Kaulin head S. 56° E.

Approximate position, lat. 26° 5' N., long. 119° 31' E.

There is another rock between the above and the western bank of the river. (*Notice No. 10 of 1901.*)

(*Variation 1° Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—River Min, No. 2400: Also, China Sea Directory, vol. III, 1894, page 285; and Supplement, 1898, page 25.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 29.

[Second Publication.]

AUSTRALIA—TORRES STRAIT.

*Hovell rock—Buoy shifted.*

THE British Admiralty has given notice (No. 12 of 1901) that the buoy (can, red and white) marking the north-east point of Hovell rock has been moved about one cable south-eastward to mark the eastern extreme of that rock; it is now situated with red beacon bearing S. 18° W., distant 1½ cables, and Vivien point N. 77° W.

Also, that the shoal of Vivien point is extending to the westward, the edge being now about 2 cables S. 80° W. from that point. (*Notice No. 12 of 1901.*)

Approximate position, lat. 10° 35' S., long. 142° 13' E.

(*Variation 4° Easterly in 1901.*)

*This Notice affects the following Admiralty Charts:—Normanby sound, No. 691; Thursday island harbour, No. 383; Also, Australia Directory, vol. II, 1898, page 465.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 30.

[Second Publication.]

JAPAN—YEZO ISLAND.

*Cape Nosshar—Wakkanai light exhibited—Fog signal.*

THE British Admiralty has given notice (No. 13 of 1901) that, on and after 10th December 1900, a *white group flashing* light of the 3rd order and 54,340 candle power would be exhibited from a lighthouse, named Wakkanai, situated on cape Nosshar.

Wakkanai light shows *two flashes of five seconds* duration in succession, the interval between the groups of flashes being *fifteen seconds*. It is elevated 138 feet above high water, and visible in clear weather from a distance of 18 miles, from the bearing of N. 27° E., through east and south, to N. 44° W.; it is exhibited from an iron cylindrical tower, painted red, about 34 feet high, erected on the cape, in lat. 45° 26' 30" N., long. 141° 38' 40" E.

During thick or foggy weather a siren will give *two blasts* of different tones in succession every *two minutes*, thus:—blast (low), *two seconds*; silent interval, *four seconds*; blast (high), *two seconds*; silent interval, *one hundred and twelve seconds*. (*Notice No. 13 of 1901.*)

(*Variation 6° Westerly in 1901.*)

*This Notice affects the following Admiralty Charts:—Kuril islands, No. 2405; Yezo island, No. 452; Also, List of Lights, part VI, 1900, No. 949a; and China Sea Directory, vol. IV 1894, page 587; and Supplement, 1898, page 32.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 31.

[Second Publication.]

KOREAN ARCHIPELAGO—QUELPART ISLAND.

*Rock off North coast.*

THE British Admiralty has given notice (No. 14 of 1901) of the existence of a rock with a depth at low water of 1½ fathoms over it, on which the S.S. *Satsuma Maru* struck, situated about 6½ miles N. 67° W. from Beaufort island: it appears to be the head of a reef extending about half-a-mile from the coast in approximately lat. 33° 32' 55" N., long. 126° 49' 40" E. (*Notice No. 14 of 1901.*)

(*Variation 3° Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—Korean Archipelago No. 104; Also, China Sea Directory, vol. IV, 1894, page 93.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 32.

[Second Publication.]

JAPAN—KUSIU.

*Nagasaki harbour—Wreck in entrance.*

THE British Admiralty has given notice (No. 15 of 1901) that a wreck lies sunk in the entrance to Nagasaki harbour, with Io Sima lighthouse bearing S. 82° W., distant 18 cables, and Kageno jima summit (208 feet) S. 58° E.

The position is marked by a small junk. (*Notice No. 15 of 1901.*)

Approximate position, lat. 32° 43' N., long. 129° 47' E.

(*Variation 4° Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—Nagasaki harbour, No. 2415: Also, China Sea Directory, vol. IV, 1894, page 500.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 33.

[Second Publication.]

RED SEA—STRAIT OF BAB-EL-MANDEB.

*Zi hill—Approximate height.*

THE British Admiralty has given notice (No. 26 of 1901) that from recent observations it appears that the height of Zi hill is more nearly 200 feet than 300 feet above high water as shown on the Admiralty chart, but as there has been no survey of the vicinity, this figure must be regarded as very approximate.

CAUTION.—Communications received on the subject of the height of Zi hill showing that its elevation has been used as a means of obtaining the distance of ships from the coast, Mariners are hereby warned of the danger of employing this method of obtaining position unless both the height and the position of the object selected have been carefully determined in the course of an accurate survey. This may sometimes be judged by the appearance of the Chart and the date of the survey, but in the majority of cases heights on Admiralty Charts can only be regarded as approximate. (*Notice No. 26 of 1901.*)

Approximate position, lat. 12° 57½' N., long. 43° 24' E.

*This Notice affects the following Admiralty Charts:—Gulf of Aden, No. 66; Red Sea No. 8e; Jebel Teir to Perim island, No. 143: Also, Red Sea Pilot, 1900, page 340.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 34.

[Second Publication.]

KOREA—CHEMULPHO APPROACH.

*Rock southward of Baker island.*

THE British Admiralty has given notice (No. 27 of 1901) of the existence of a sunken rock, with a depth of 2½ feet over it, in the East channel, Chemulpho, situated with the eastern extreme of the 163 feet island, southward of Baker island, bearing N. 58° W.,



distant  $1\frac{1}{2}$  cables, and the rock off the south-eastern extreme of Baker island N.  $31^{\circ}$  E. (Notice No. 27 of 1901.)

Approximate position, lat.  $37^{\circ} 07' N.$ , long.  $126^{\circ} 18' E.$

(Variation  $4^{\circ}$  Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Approaches to Chemulpho, No. 1270: Also, China Sea Directory, vol. IV., 1894, page 62.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 35.

[Second Publication.]

CHINA SEA—PESCADORES ISLANDS.

Ponghau (Hoko to) island—Position of Courbet and other rocks.

WITH reference to Notice to Mariners No. 328, dated 14th December 1900, issued by this office, the British Admiralty has given further notice (No. 28 of 1901) respecting Courbet rock and of the existence of other rocks eastward of Ponghau or Hoko to island:—

- a. Courbet rock.—The assigned position of this rock has been examined without finding it or any indication of it, depths of from 33 to 20 fathoms being obtained near the spot. It is, therefore, considered that Courbet rock is identical with Kentei rock, which is about  $1\frac{1}{2}$  cables in extent, with a least depth over it of  $1\frac{1}{2}$  fathoms, situated with Keangli (Keihékisan) point bearing S.  $86^{\circ}$  W., distant nearly 4 miles, and Round (Yo sho) island S.  $25^{\circ}$  W.

Approximate position, lat.  $23^{\circ} 35\frac{1}{2}' N.$ , long.  $119^{\circ} 44' E.$

Courbet rock has consequently been erased from the charts.

- b. A rock named NAIKIMUTĀ, with a least depth of 2 fathoms over it, exists in a position with Round island bearing S.  $9^{\circ}$  W., distant  $2\frac{1}{4}$  miles, and Keangli point, S.  $84^{\circ}$  W.
- c. A rock named PĀKIMUTĀ, with a least depth of 7 fathoms, is situated with Round island bearing S.  $12^{\circ}$  W., distant about  $4\frac{1}{4}$  miles, and Keangli point S.  $65^{\circ}$  W. (Notice No. 28 of 1901.)

(Variation Nil in 1901.)

This Notice affects the following Admiralty Charts:—Formosa island and strait, No. 1968; The Brothers to Ockseu islands, No. 1760; West Coast of Formosa, No. 2409; The Pescadores islands, No. 1961: Also, China Sea Directory, vol. III, 1894, page 217; and Supplement, 1898, page 12.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 36.

[Second Publication.]

EASTERN ARCHIPELAGO—MALACCA STRAIT, KWALA KLANG APPROACH.

Sail rock marked by beacon.

THE British Admiralty has given notice (No. 30 of 1901) that a moderate sized beacon, 18 feet high, and painted grey, has been erected on Sail rock, Kwala Klang approach, the

buoy which formerly marked it having apparently been withdrawn. (*Notice No. 30 of 1901.*)

Approximate position, lat.  $3^{\circ} 11\frac{1}{2}'$  N., long.  $101^{\circ} 16'$  E.

*This Notice affects the following Admiralty Chart:—Pulo Berhala to cape Rachado No. 794: Also, China Sea Directory, vol. I, 1896, page 170.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

O. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 37.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

*Spit Tongue buoy moved.*

WITH reference to Notice to Mariners, No. 305, dated 27th November 1900, issued by this Office, the British Admiralty has given notice [No. 33 of 1901 (b)] that Spit Tongue buoy (black can) has been moved, S.  $71^{\circ}$  E., one cable from its former position, and is now moored on the edge of the 3-fathom line in a depth of 25 feet. (*Notice No. 33 of 1901.*)

Approximate position, lat.  $16^{\circ} 27'$  N., long  $96^{\circ} 21\frac{1}{2}'$  E.

(*Variation  $1^{\circ}$  Easterly in 1901.*)

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

O. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 38.

[Second Publication.]

AFRICA, EAST COAST—DELAGOA BAY.

*Cockburn channel—Light exhibited.*

WITH reference to Notice to Mariners, No. 276, dated 26th October 1900, issued by this Office, the British Admiralty has given further notice (No. 36 of 1901) that, on and after 1st January 1901, a *white fixed* light, elevated 39 feet above high water, and visible from a distance of 12 miles, would be exhibited from an iron pile structure erected on the Cockburn shoal, about one cable south of the black pyramid buoy on the north end of the Cockburn shoal as shown in Chart No. 644 since 1898.

From the lighthouse Gibbon point beacon bears S.  $15^{\circ}$  W., distant  $4\frac{1}{2}$  miles, and cape Inyack lighthouse S.  $25^{\circ}$  E. (*Notice No. 36 of 1901.*)

Approximate position, lat.  $25^{\circ} 53' 20''$  S., long  $32^{\circ} 53' 40''$  E.

(*Variation  $23^{\circ}$  Westerly in 1901.*)

*This Notice affects the following Admiralty Charts:—Tugela river to Delagoa bay, No. 2089; Delagoa bay, No. 644: Also, List of Lights, part VI, 1900, No. 39, and Africa Pilot, part III, 1897, page 190.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

O. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 39.

[Second Publication.]

CHINA—GULF OF PE CHI LI.

*Shanhaikwan and Chingwangtao lights exhibited.*

THE British Admiralty has given notice (No. 37 of 1901) that the undermentioned temporary dioptric lights of the 6th order have been exhibited in the Gulf of Pe chi li:—

1. Shanhaikwan light is *white fixed*, elevated 84 feet above high water, and visible in clear weather from a distance of 10 miles: it is shown from a mast erected on the outer bastion of the Great Wall immediately below the Pagoda on No. 1 Fort; the mast, keeper's hut and parapet are all painted white.

Approximate position, lat.  $39^{\circ} 58' N.$ , long.  $119^{\circ} 48\frac{1}{2}' E.$

2. Chingwangtao is a *white group occulting* light showing *two eclipses every twenty seconds* (thus—light *fourteen seconds*, eclipse *two seconds*, light *two seconds*, eclipse *two seconds*—), elevated 87 feet above high water and visible in clear weather from a distance of 10 miles; it is shown from a white mast 38 feet high erected near the south-western extremity of the bluff. (*Notice No. 37 of 1901.*)

Approximate position, lat.  $39^{\circ} 55' N.$ , long.  $119^{\circ} 38' E.$

*This Notice affects the following Admiralty Charts:—Hong-Kong to Liau tung gulf, No. 1262; Pe chi li gulf, &c., No. 1256; Chingwangtao, No. 2357: Also, List of Lights, part VI, 1900, page 152; China Sea Directory, vol. III, 1894, pages 626, 627, and Supplement, 1898, page 31.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 40.

[Second Publication.]

JAPAN—KIUSIU, EAST COAST.

*Saiki bay—Position of Sukanoso.*

WITH reference to Notice to Mariners No. 217, dated the 31st August 1900, issued by this office, the British Admiralty has given further notice (No. 45 of 1901) that Sukanoso Saiki bay, a rock with a depth of 6 fathoms over it, is situated with Mitsu bosi (northern rock) bearing S.  $1^{\circ} W.$ , distant  $2\frac{1}{2}$  cables, and Mura haye S.  $84^{\circ} E.$ , and not as given in the abovementioned notice. This rock is connected by a reef with South Kando shima. (*Notice No. 45 of 1901.*)

Approximate position, lat.  $33^{\circ} 1' N.$ , long.  $131^{\circ} 54\frac{1}{2}' E.$   
(*Variation  $4^{\circ}$  Westerly in 1901.*)

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 41.

[Second Publication.]

CHINA SEA—BANKA STRAIT.

*Palembang river light buoy established.*

THE British Admiralty has given notice (No. 46 of 1901) that a light buoy painted red and exhibiting a red *fixed* light has been established to mark the bank extending northward



from Pulo Payung, Sungai Sunsang or Palembang river. It is situated with Sunsang flag-staff bearing S.  $51^{\circ}$  W., distant one mile. (*Notice No. 46 of 1901.*)

Approximate position, lat.  $2^{\circ} 20'$  S., long.  $104^{\circ} 56'$  E.

(*Variation  $2^{\circ}$  Easterly in 1901.*)

*This Notice affects the following Admiralty Chart:—Banka strait, No. 2597; Also, China Sea Directory, vol. I, 1896, page 399; and Supplement, 1899, relating to that work, page 34.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 42.

[Second Publication.]

NEW ZEALAND—HAURAKI GULF.

Coromandel harbour—Rocks reported.

THE British Admiralty has given notice (No. 49 of 1901) that information has been received from the Government of New Zealand that the following rocks have been reported to exist in the approach to Coromandel harbour:—

1. A rock, with a depth of 2 fathoms over it at low-water springs, about three-quarters of a mile N.  $43^{\circ}$  E. from Tuhua island.

Approximate position, lat.  $36^{\circ} 48'$  S., long.  $175^{\circ} 26\frac{1}{2}'$  E.

2. A sunken rock midway between Huieh island and the islet, about 2 cables north-eastward of it.
3. A rock, which uncovers at low-water springs, one mile N.  $5^{\circ}$  E. from the north point of Huieh island. (*Notice No. 49 of 1901.*)

(*Variation  $14^{\circ}$  Easterly in 1901.*)

*This Notice affects the following Admiralty Charts:—Maunganui bluff to Manukau harbour, &c., No. 2543; Coromandel harbour, No. 2035; Also, New Zealand Pilot, 1891, pages 111, 112.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 19.

[Third Publication.]

EASTERN ARCHIPELAGO—CELEBES ISLAND, NORTH COAST.

Kwandang bay—Shoal.

THE British Admiralty has given notice (No. 864 of 1900) of the existence of a sand and coral patch about 250 yards long in an easterly and westerly direction, and 40 yards wide, with a depth over it of  $4\frac{1}{2}$  fathoms, situated with north-east point of Motuo island bearing N.  $71^{\circ}$  W., distant about  $4\frac{3}{4}$  miles.

On the eastern side of the reef there is a depth of 23 fathoms, on the north side 20 fathoms, and on the north-west side 37 fathoms.

Approximate position, lat.  $0^{\circ} 58\frac{1}{2}'$  N., long.  $122^{\circ} 44\frac{3}{4}'$  E.

CAUTION.—From a survey recently received from the Netherlands Government it appears that there are many more dangers in Kwandang bay than are shown on the plan of

that bay given on Admiralty Chart No. 2194. This plan must therefore be considered untrustworthy. A new plan is being prepared. (*Notice No. 864 of 1900.*)

(*Variation 2° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—*Eastern Archipelago*, No. 942a Also, *Eastern Archipelago*, Part II, 1893, page 884; and Supplement, 1899, page 60.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 20.

[Third Publication.]

##### EASTERN ARCHIPELAGO—CELEBES.

*Pakalor (Patokor) island—Shoal to the eastward.*

THE British Admiralty has given notice (No. 865 of 1900) that a rock, about 20 yards long and 10 yards wide, with but little water over it, is reported to be situated with Pakalor island, east coast of Celebes, bearing N. 47° W., distant 2 cables.

Approximate position, lat. 0° 58' N., long. 124° 58' E.

Depths of from 13 to 19 fathoms surround this rock, which has been placed on the Chart as a rock with less than 6 feet over it, and there is 13 fathoms between it and the island. (*Notice No. 865 of 1900.*)

(*Variation 2° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—*Eastern Archipelago*, No. 942a: Also, *Eastern Archipelago*, Part I, 1890, page 386; Supplement, 1898, page 71; *Eastern Archipelago*, part II, 1893, page 370; and Supplement, 1899, page 59.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 21.

[Third Publication.]

##### EASTERN ARCHIPELAGO—MAKASSAR STRAIT, NORTHERN ENTRANCE.

*Pulo Sematan—Non-existence of reef to the north-westward.*

THE British Admiralty has given notice (No. 866 of 1900) that the doubtful reef, shown on the Chart with a P, about 12½ miles N. 82° W. from the north point of pulo Sematan, does not exist; it has therefore been erased from the Charts. (*Notice No. 866 of 1900.*)

Approximate position, lat. 1° 6' N., long. 120° 10' E.

(*Variation 2° Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—*Eastern Archipelago*, No. 941b; *strait of Makassar*, No. 2636: Also, *Eastern Archipelago*, Part II, 1893, page 336.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 22.

[Third Publication.]

EASTERN ARCHIPELAGO—CREAM AND GILLOLO ISLANDS.

*Piru bay and point Sidangoli—Reefs.*

THE British Admiralty has given notice (No. 871 of 1900) of the existence of the following reefs in Piru bay and of point Sidangoli:—

- a. A reef which dries at low water, situated with the western extreme of Babi island, Piru bay, bearing S.  $41^{\circ}$  E., distant  $2\frac{4}{10}$  miles.

Approximate position, lat.  $3^{\circ} 12' S.$ , long.  $128^{\circ} 7\frac{1}{2}' E.$

Another reef, which also dries, is situated about  $1\frac{3}{10}$  miles, N.  $41^{\circ} W.$  of the above.

Both reefs are marked by fishing stakes.

- b. A reef named Passi Lamo, with a least depth of  $2\frac{1}{2}$  fathoms over it, is situated with Sidangoli point bearing N.  $88^{\circ} E.$ , distant 3 miles, and the eastern point of Tidore island S.  $2^{\circ} E.$

This reef is about  $7\frac{1}{2}$  cables long, N.  $24^{\circ} W.$  and S.  $24^{\circ} E.$ , and 2 cables wide; it show as discoloured water. (*Notice No. 871 of 1900*)

Approximate position, lat.  $0^{\circ} 54\frac{1}{2}' N.$ , long.  $127^{\circ} 27' E.$

(*Variation  $2^{\circ}$  Easterly in 1900.*)

*This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 942a Eastern Archipelago, Part I, 1890, pages 424, 392.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 23.

[Third Publication.]

AUSTRALIA—NEW SOUTH WALES.

*Shoal haven bight—Position of lighthouse.*

THE British Admiralty has given notice (No. 873 of 1900) that the lighthouse in Shoal haven bight, from which a red fixed light is exhibited, is situated on the south point of the entrance to Crook haven river about 3 miles S.  $31^{\circ} E.$  from its position as shown on the Chart, and not on the north point of entrance to Shoal haven river. (*Notice No. 873 of 1900.*)

Approximate position, lat.  $34^{\circ} 54' S.$ , long.  $150^{\circ} 48' E.$

(*Variation  $10^{\circ}$  Easterly in 1900.*)

*This Notice affects the following Admiralty Charts:—Rame head to port Jackson, No. 1211; Becrofte head to port Jackson, No. 1020: Also, List of Lights, Part VI, 1900, No. 1177; and Australia Directory, vol. I, 1897, pages 803, 801.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.





APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, FEBRUARY 27, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 49

[First Publication.]

CHINA SEA—PHILIPPINE ISLANDS—LUZON, EAST COAST.

*Kalaguas and Balesin islands—Dangers reported.*

THE British Admiralty has given notice (No. 62 of 1901) that the undermentioned dangers have been reported to exist on the east coast of Luzon, in the following positions:—

- (a) A coral reef, now named TARLAC, with a depth over it of 2 fathoms, on which the American S.S. *Tarlac* grounded, situated about 2 miles southward of Balesin island.

Approximate position, lat.  $14^{\circ} 23' N.$ , long.  $122^{\circ} 14' E.$

- (b) Breakers are reported to have been seen in a position to the north-westward of Kalaguas islands about 4 miles northward of Thurston rock in approximately lat.  $14^{\circ} 38' N.$ , long.  $122^{\circ} 39' E.$  (*Notice No. 62 of 1901.*)

*This Notice affects the following Admiralty Charts:—Philippine islands, No. 943; St. Bernardino and Mindoro straits, No. 2577; Also, Eastern Archipelago, Part I, 1890, pages 337, 339.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 23rd February 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 50.

[First Publication.]

AUSTRALIA—QUEENSLAND.

*Port Curtis—Leading lights—Buoys moved.*

WITH reference to Notice to Mariners No. 258, dated 12th October 1900, issued by this office, the British Admiralty has given further notice (No. 64 of 1901) respecting the positions and particulars of the new leading lights at port Curtis:—

1. Near the entrance to the Boyne river, two *white fixed* leading lights of the 4th order have been established: the front light, elevated 73 feet above high water and visible from a distance of 12 miles, is shown from a skeleton tower 30 feet high, painted white, situated with the western extreme of Canoe point bearing  $N. 85^{\circ} W.$ , distant 5 cables; the rear light, elevated 124 feet above high water, and visible from a distance of 14 miles, is shown from a square building, painted white, erected on a hill at a distance of  $9\frac{1}{2}$  cables  $S. 75^{\circ} W.$  from the front light.

These lights, in line  $S. 75^{\circ} W.$ , lead through the South channel entrance.

2. On the western slope of Gatecombe head two other *white fixed* leading lights have been established: the front light, elevated 32 feet above high water, is shown from a small house, erected at a distance of  $2\frac{1}{4}$  cables S.  $34^{\circ}$  W. from Gatecombe signal staff. The rear light, elevated 80 feet above high water, is exhibited from a skeleton tower 30 feet high, erected at a distance of  $4\frac{1}{2}$  cables, N.  $54^{\circ}$  W. from the front light.

Approximate position, front light, lat.  $23^{\circ} 53' S.$ , long.  $151^{\circ} 22\frac{1}{2}' E.$

DIRECTIONS.—To enter port Curtis by night steer in through the South channel, with the leading lights near the Boyne river in line S.  $75^{\circ}$  W. until the leading lights on Gatecombe head are in line N.  $54^{\circ}$  W., when alter course to N.  $54^{\circ}$  W., keeping those lights in line until East point light is shut in or Gatecombe head light opens out bearing N.  $45^{\circ}$  W., then alter course to N.  $69^{\circ}$  W., to pass about two cables South-West of the light boat at the inner side of the North channel.

3. The red can buoy, situated at a distance of  $2\frac{3}{10}$  miles S.  $56^{\circ}$  E. from Gatecombe signal staff, has been moved 4 cables N.  $56^{\circ}$  W. from its former position. (Notice No. 64 of 1091.)

(Variation  $8^{\circ}$  Easterly in 1901.)

NOTE.—A new edition of Chart No. 19 will be issued.

This Notice affects the following Admiralty Charts:—Sandy cape to Keppel islands, No. 345; Port Curtis, No. 1900; Also, List of Lights, Part VI, 1900, No. 1265, page 206; and Australia Directory, vol. II, 1898, page 178.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 43.

[Second Publication.]

AUSTRALIA—VICTORIA.

Port Phillip entrance—Intended alteration of buoyage and lights in West channel.

THE British Admiralty has given notice (No. 50 of 1901) that it is intended, on 13th February 1901, to commence altering the lights and buoyage in the West channel to port Phillip as follows:—

1. The Pile light on the West sand will show the following sectors: *white* from the bearing of N.  $34^{\circ}$  E. through north to N.  $77^{\circ}$  W., *red* from N.  $77^{\circ}$  W. through west to S.  $80^{\circ}$  W., *white* from S.  $80^{\circ}$  W. through south to S.  $14^{\circ}$  E., and *red* from S.  $14^{\circ}$  E. through east to N.  $34^{\circ}$  E.

Approximate position, lat.  $38^{\circ} 11\frac{1}{2}' S.$ , long.  $144^{\circ} 45\frac{1}{2}' E.$

2. Popes Eye bank.—A *white occulting* light, elevated 24 feet above high water, and visible in clear weather from a distance of 7 miles, will be established and shown from a beacon near Popes Eye fort.
3. Swanspit gas buoy, exhibiting a red occulting light, will be replaced by a can buoy.
4. No. 4 buoy (red conical) will be moved about 2 cables S.  $8^{\circ}$  W. from its present position to mark the south-western extremity of the shoal.
5. Swashway buoy (red conical) will be replaced by a gas buoy, exhibiting a *red fixed* light, at the northern extremity of Royal George shoal.
6. No. 2, Royal George shoal buoy, exhibiting *white occulting* light, will be altered to show a *red occulting* light.

Approximate position, lat.  $38^{\circ} 16' S.$ , long.  $144^{\circ} 41\frac{1}{2}' E.$

(Variation  $8^{\circ}$  Easterly in 1901.)

Further Notice will be given when these alterations are carried out. (Notice No. 50 of 1901.)

This Notice affects the following Admiralty Chart:—Port Phillip entrance, No. 1171a, 2747a; Also, List of Lights, part VI, 1900, No. 1116, page 182; and Australia Directory, vol. I, 1897, pages 445, 446, 447.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 44.

[Second Publication.]

## NORTH PACIFIC OCEAN.

*Grampus islands—Non-existence of—.*

THE British Admiralty has given notice (No. 54 of 1901) that the Commander of H.I.J.M.S. *Kongō* reports that he passed under favourable conditions over the assigned position of the Grampus islands without seeing any indication of them.

Approximate position, lat.  $25^{\circ} 10' N.$ , long.  $146^{\circ} 40' E.$

They were not seen by either of the U.S. ships *Alert* in 1881, or *Ropes* in 1893.

The Grampus islands were originally reported by Captain Meares in 1788, vide "*Meares Voyage*," page 94. In the account of his voyage it appears that he placed the Freewill islands (New Guinea)  $3^{\circ}$  eastward of their position as now accepted, and that four days after he had passed the Grampus islands he saw Lots Wife, which he placed  $2\frac{1}{2}^{\circ}$  eastward of the position now accepted for that island. Taking these facts into consideration, it appears highly probable that the islands he called Grampus were really some of the Volcano group.

The Grampus islands have sometimes been thought to be the Sebastian Lobos islands originally reported as being in  $25^{\circ} 40' N.$ ,  $154^{\circ} 0' E.$ , and the name Sebastian Lobos has been given, as well as Grampus, to the islands shown on the Admiralty chart in  $25^{\circ} 10' N.$ ,  $146^{\circ} 40' E.$ , but as neither of these islands have been reported more than once and have never been seen since, it is considered they do not exist, and they have been consequently expunged from the Admiralty charts. (Notice No. 54 of 1901.)

This Notice affects the following Admiralty Charts:—*Atlantic and Indian Oceans*, No. 2483; *Pacific Ocean*, Nos. 2683, 781; *Also, China Sea Directory*, vol. IV, 1894, page 205; and *Pacific Islands*, vol. I, 1900, page 451.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 45.

[Second Publication.]

## AFRICA, SOUTH—NATAL.

*Tugela river entrance—Rock reported.*

THE British Admiralty has given notice (No. 57 of 1901) that the Captain of the German S.S. *General* reports having struck on a shoal with a depth over it of from 3 to  $3\frac{1}{2}$  fathoms low water, at the entrance to the Tugela river in approximately lat.  $29^{\circ} 14' S.$ , long.  $31^{\circ} 33' E.$  (Notice No. 57 of 1901.)

This Notice affects the following Admiralty Charts:—*Tugela river to Delagoa bay*, No. 2089; *Umtavuna river to Tugela river*, No. 2088; *Also, Africa Pilot*, part III, 1897, page 181.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 46.

[Second Publication.]

## AFRICA, NORTH-EAST—GULF OF ADEN.

*Cape Guardafui—Bank off—.*

THE British Admiralty has given notice (No. 59 of 1901) that information, dated 11th January, 1901, has been received from Commander W. D. Worcester, R.N.R., Commanding P. & O. Co.'s S.S. *India*, that, on 22nd October 1900, he obtained a sounding of 42 fathoms, coarse sand and shell, off Cape Guardafui in approximately lat.  $12^{\circ} 17' N.$ , long.  $51^{\circ} 11' E.$



This may be on a new bank, or an extension of the bank now shown on the Admiralty Chart. (*Notice No. 59 of 1901.*)

*This Notice affects the following Admiralty Chart:—Gulf of Aden, No. 6a: Also, Red sea and Gulf of Aden Pilot, 1900, page 38.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 47.

[Second Publication.]

INDIA, WEST—MALABAR COAST.

*Port of Hangarkotta—Light discontinued.*

WITH reference to Notice to Mariners No. 106, dated the 24th April 1900, issued by this office, the Presidency Port Officer, Madras, has given notice (No. 2 of 1901) that as the dangers outside Hangarkotta are now covered by the new 5th order light exhibited on Deria Bahadur Ghur island, the 6th order Red dioptric port light now exhibited at the port of Hankarkotta will be discontinued.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 48.

[Second Publication.]

AFRICA, NORTH-EAST—GULF OF ADEN.

*Aden harbour.—Burning of a blue light by pilot.*

THE Bombay Government has given notice (No. 7 of 1901) that on and from 1st February 1901 a blue light will be burnt by the pilot in his boat when he leaves the light ship to meet a vessel. This will show the position of his boat and enable the steamer to proceed towards him, and thereafter he will flash a white light at frequent intervals.

*This notice affects Admiralty Light List, Part VI, 1900, page 22.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 24.

[Third Publication.]

INDIA, WEST—BOMBAY COAST.

*Mormugao harbour—Leading lights, buoys, &c.*

THE following Notice to Mariners (No. 4 of 1901) issued by the Bombay Government is republished:—

The Agent, West of India Portuguese Guaranteed Railway Company, Limited, gives notice, dated 10th January 1901, that two white fixed leading lights, visible from a distance of twelve miles, are exhibited from cylindrical columns, painted white, in Mormugao

harbour; the front light is situated on Chiquilim Point, the rear light on Secretario Island, about fourteen cables S. 78° E. from the front light.

Approximate position:—

Front light—Latitude 15° 24' 35" N.  
Longitude 73° 49' 50" E.

The above two lights in line S. 78° E. lead into the harbour.

Also that it is intended to exhibit at the junction of breakwater and quay wall a fixed red and white light in place of the light now shown from one of the railway sheds; the red light will be visible through an arc of 107° four miles including the breakwater; the white light through an arc of 73° over the anchorage.

The black can buoy marking the Moraugao rock and the red light at the end of the breakwater have been withdrawn.

*This Notice affects the following publications:—Achra River to Cape Ramas, No. 740; Agoda to St. George's Islands, No. 492; Also, List of Lights, part VI, 1900, page 40, and West Coast of Hindustan Pilot, 1898, page 161.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 25.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

*Dolphin shoal buoy adrift.*

A TELEGRAPHIC communication has been received from the Port Officer, Chittagong, stating that the Dolphin shoal buoy has gone adrift, but will shortly be replaced.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 26.

[Third Publication.]

AUSTRALIA, SOUTH—APPROACH TO SPENCER GULF AND INVESTIGATOR STRAIT.

*Neptune islands—Date of exhibition of light.*

With reference to Notice to Mariners No. 137, dated 26th May 1900, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 1 of 1901) that the proposed light on the South Neptune Island, at the approach to Spencer Gulf and Investigator Strait, will, in all probability, be exhibited about 1st October 1901.

A further notice giving full particulars as to the character of the light, actual date of illumination, &c., will be issued as early as possible.

*This affects Admiralty Chart No. 2389.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 27.

[Third Publication.]

## GULF OF ADEN—ZEILA ROADSTEAD.

*Filfil and Channel reef buoys—Description and position.*

WITH reference to Notice to Mariners Nos. 70 and 178, dated respectively the 12th March and 23rd July 1900, issued by this Office, the British Admiralty has given further notice (No. 9 of 1901) that further information has been received respecting the description and positions of the undermentioned buoys in Zeila roadstead:—

Shab Filfil buoy is red in the form of a truncated cone, and surmounted by staff and cage, it is moored with the south-eastern extreme of Shab Filfil bearing N. 12° E., distant 5 cables, and the wreck on the eastern extreme of the spit off Zeila S. 50° W.

Channel reef buoy is conical, painted in black and white horizontal bands surmounted by staff and ball, and is moored about 3½ cables southward of its position as shown on the chart with Aibat beacon bearing N. 56° W., distant 6 miles, and Zeila consulate bearing S. 40° W. (Notice No. 9 of 1901.)

Approximate position, lat. 11° 27½' N., long. 43° 33' E.

(Variation 3° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Zeila roadstead, No. 919: Also, Red Sea and Gulf of Aden Pilot, 1900, page 373.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 28.

[Third Publication.]

## CHINA—RIVER MIN.

*Tintao—Rocks to the northward.*

THE British Admiralty has given notice (No. 10 of 1901) of the existence of a rock with a least depth over it of about 5 feet, low-water springs, northward of Tintao: it is situated with Red peak bearing S. 66° W., distant 2 cables, and Kaulin head S. 56° E.

Approximate position, lat. 26° 5' N., long. 119° 31' E.

There is another rock between the above and the western bank of the river. (Notice No. 10 of 1901.)

(Variation 1° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—River Min, No. 2400: Also, China Sea Directory, vol. 1A, 1894, page 285; and Supplement, 1898, page 23.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 29.

[Third Publication.]

## AUSTRALIA—TORRES STRAIT.

*Hovell rock—Buoy shifted.*

THE British Admiralty has given notice (No. 12 of 1901) that the buoy (can, red and white) marking the north-east point of Hovell rock has been moved about one cable south-eastward to mark the eastern extreme of that rock; it is now situated with red beacon bearing S. 18° W., distant 1½ cables, and Vivien point N. 77° W.



Also, that the shoal of Vivien point is extending to the westward, the edge being now about 2 cables S. 80° W. from that point. (*Notice No. 12 of 1901*)

Approximate position, lat. 10° 35' S., long. 142° 13' E.

(*Variation 4° Easterly in 1901.*)

*This Notice affects the following Admiralty Charts:—Normanby sound, No. 691; Thursday land harbour, No. 383; Also, Australia Directory, vol. II, 1898, page 465.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 30.

[Third Publication.]

JAPAN—YEZO ISLAND.

*Cape Nosshar—Wakkanai light exhibited—Fog signal.*

THE British Admiralty has given notice (No. 13 of 1901) that, on and after 10th December 1900, a white group flashing light of the 3rd order and 54,340 candle power would be exhibited from a lighthouse, named Wakkanai, situated on cape Nosshar

Wakkanai light shows two flashes of five seconds duration in succession, the interval between the groups of flashes being fifteen seconds. It is elevated 138 feet above high water, and visible in clear weather from a distance of 18 miles, from the bearing of N. 27° E., through east and south, to N. 44° W.; it is exhibited from an iron cylindrical tower, painted red, about 34 feet high, erected on the cape, in lat. 45° 26' 30" N., long. 141° 38' 40" E.

During thick or foggy weather a siren will give two blasts of different tones in succession every two minutes, thus:—blast (low), two seconds; silent interval, four seconds; blast (high), two seconds; silent interval, one hundred and twelve seconds. (*Notice No. 13 of 1901.*)

(*Variation 6° Westerly in 1901.*)

*This Notice affects the following Admiralty Charts:—Kuril islands, No. 2405; Yezo island No. 452; Also, List of Lights, part VI, 1900, No. 949a; and China Sea Directory, vol. IV 1894, page 587; and Supplement, 1898, page 32.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 31.

[Third Publication.]

KOREAN ARCHIPELAGO—QUELPART ISLAND.

*Rock off North coast.*

THE British Admiralty has given notice (No. 14 of 1901) of the existence of a rock with a depth at low water of 1½ fathoms over it, on which the S.S. *Satsuma Maru* struck, situated about 6½ miles N. 67° W. from Beaufort island: it appears to be the head of a reef extending about half-a-mile from the coast in approximately lat. 33° 32' 55" N., long. 126° 49' 40" E. (*Notice No. 14 of 1901.*)

(*Variation 3° Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—Korean Archipelago No. 104; Also, China Sea Directory, vol. IV, 1894, page 93.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 32.

[Third Publication.]

JAPAN—KIUSIU.

*Nagasaki harbour—Wreck in entrance.*

THE British Admiralty has given notice (No. 15 of 1901) that a wreck lies sunk in the entrance to Nagasaki harbour, with Io Sima lighthouse bearing S. 82° W., distant 18 cables, and Kageno jima summit (208 feet) S. 58° E.

The position is marked by a small junk. (*Notice No. 15 of 1901.*)

Approximate position, lat. 32° 43' N., long. 129° 47' E.

(*Variation 4° Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—Nagasaki harbour, No. 2415: Also, China Sea Directory, vol. IV, 1894, page 500.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 33.

[Third Publication.]

RED SEA—STRAIT OF BAB-EL-MANDEB.

*Zi hill—Approximate height.*

THE British Admiralty has given notice (No. 26 of 1901) that from recent observations it appears that the height of Zi hill is more nearly 200 feet than 300 feet above high water as shown on the Admiralty chart, but as there has been no survey of the vicinity, this figure must be regarded as very approximate.

CAUTION.—Communications received on the subject of the height of Zi hill showing that its elevation has been used as a means of obtaining the distance of ships from the coast, Mariners are hereby warned of the danger of employing this method of obtaining position unless both the height and the position of the object selected have been carefully determined in the course of an accurate survey. This may sometimes be judged by the appearance of the Chart and the date of the survey, but in the majority of cases heights on Admiralty Charts can only be regarded as approximate. (*Notice No. 26 of 1901.*)

Approximate position, lat. 12° 57½' N., long. 43° 24' E.

*This Notice affects the following Admiralty Charts:—Gulf of Aden, No. 65; Red Sea No. 8c; Jebel Teir to Perim island, No. 143: Also, Red Sea Pilot, 1900, page 340.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 34.

[Third Publication.]

KOREA—CHEMULPHO APPROACH.

*Rock southward of Baker island.*

THE British Admiralty has given notice (No. 27 of 1901) of the existence of a sunken rock, with a depth of 2½ feet over it, in the East channel, Chemulpho, situated with the eastern extreme of the 163 feet island, southward of Baker island bearing N. 56° W.,

distant  $1\frac{1}{2}$  cables, and the rock off the south-eastern extreme of Baker island N.  $31^{\circ}$  E. (Notice No. 27 of 1901.)

Approximate position, lat.  $37^{\circ} 07' N.$ , long.  $126^{\circ} 18' E.$

(Variation  $4^{\circ}$  Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Approaches to Chemulpho, No. 1270: Also, China Sea Directory, vol. IV., 1894, page 62.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 35

[Third Publication.]

CHINA SEA—PESCADORES ISLANDS.

Ponghau (Hoko to) island—Position of Courbet and other rocks.

WITH reference to Notice to Mariners No. 328, dated 14th December 1900, issued by this office, the British Admiralty has given further notice (No. 28 of 1901) respecting Courbet rock and of the existence of other rocks eastward of Ponghau or Hoko to island:—

- a. Courbet rock.—The assigned position of this rock has been examined without finding it or any indication of it, depths of from 33 to 20 fathoms being obtained near the spot. It is, therefore, considered that Courbet rock is identical with Kentei rock, which is about  $1\frac{1}{2}$  cables in extent, with a least depth over it of  $1\frac{3}{4}$  fathoms, situated with Keangli (Keihekisan) point bearing S.  $86^{\circ}$  W., distant nearly 4 miles, and Round (Yo sho) island S.  $25^{\circ}$  W.

Approximate position, lat.  $23^{\circ} 35\frac{1}{2}' N.$ , long.  $119^{\circ} 44' E.$

Courbet rock has consequently been erased from the charts.

- b. A rock named NAIKIMUTĀ, with a least depth of 2 fathoms over it, exists in a position with Round island bearing S.  $9^{\circ}$  W., distant  $2\frac{3}{4}$  miles, and Keangli point, S.  $84^{\circ}$  W.
- c. A rock named PĀKIMUTĀ, with a least depth of 7 fathoms, is situated with Round island bearing S.  $12^{\circ}$  W., distant about  $4\frac{1}{4}$  miles, and Keangli point S.  $65^{\circ}$  W. (Notice No. 28 of 1901.)

(Variation Nil in 1901.)

This Notice affects the following Admiralty Charts:—Formosa island and strait, No. 1968; The Brothers to Ockseu islands, No. 1760; West Coast of Formosa, No. 2409; The Pescadores islands, No. 1961; Also, China Sea Directory, vol. III, 1894, page 217; and Supplement, 1898, page 12.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 36.

[Third Publication.]

EASTERN ARCHIPELAGO—MALACCA STRAIT, KWALA KLANG APPROACH.

Sail rock marked by beacon.

THE British Admiralty has given notice (No. 30 of 1901) that a moderate sized beacon, 18 feet high, and painted grey, has been erected on Sail rock, Kwala Klang approach, the



buoy which formerly marked it having apparently been withdrawn. (*Notice No. 30 of 1901.*)

Approximate position, lat.  $3^{\circ} 11\frac{1}{2}'$  N., long.  $101^{\circ} 16'$  E.

*This Notice affects the following Admiralty Chart:—Pulo Berhala to cape Rachado No 794: Also, China Sea Directory, vol. I, 1896, page 170.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 37.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

*Spit Tongue buoy moved.*

With reference to Notice to Mariners, No. 305, dated 27th November 1900, issued by this Office, the British Admiralty has given notice [No. 33 of 1901 (b)] that Spit Tongue buoy (black can) has been moved, S.  $71^{\circ}$  E., one cable from its former position, and is now moored on the edge of the 3-fathom line in a depth of 25 feet. (*Notice No. 33 of 1901*)

Approximate position, lat.  $16^{\circ} 27'$  N., long  $96^{\circ} 21\frac{1}{2}'$  E.

(*Variation  $1^{\circ}$  Easterly in 1901.*)

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 38.

[Third Publication.]

AFRICA, EAST COAST—DELAGOA BAY.

*Cockburn channel—Light exhibited.*

With reference to Notice to Mariners, No. 276, dated 26th October 1900, issued by this Office, the British Admiralty has given further notice (No. 36 of 1901) that, on and after 1st January 1901, a *white fixed* light, elevated 39 feet above high water, and visible from a distance of 12 miles, would be exhibited from an iron pile structure erected on the Cockburn shoal, about one cable south of the black pyramid buoy on the north end of the Cockburn shoal as shown in Chart No. 644 since 1898.

From the lighthouse Gibbon point beacon bears S  $15^{\circ}$  W., distant  $4\frac{3}{4}$  miles, and cape Inyack lighthouse S.  $25^{\circ}$  E. (*Notice No. 36 of 1901.*)

Approximate position, lat.  $25^{\circ} 53' 20''$  S., long  $32^{\circ} 53' 40''$  E.

(*Variation  $23^{\circ}$  Westerly in 1901.*)

*This Notice affects the following Admiralty Charts:—Tugela river to Delagoa bay, No. 2089; Delagoa bay, No. 644: Also, List of Lights, part VI, 1900, No. 39, and Africa Pilot, part III, 1897, page 190.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 39.

[Third Publication.]

CHINA—GULF OF PE CHI LI.

*Shanhaikwan and Chingwangtao lights exhibited.*

THE British Admiralty has given notice (No. 37 of 1901) that the undermentioned temporary dioptric lights of the 6th order have been exhibited in the Gulf of Pe chi li:—

1. Shanhaikwan light is *white fixed*, elevated 84 feet above high water, and visible in clear weather from a distance of 10 miles: it is shown from a mast erected on the outer bastion of the Great Wall immediately below the Pagoda on No. 1 Fort; the mast, keeper's hut and parapet are all painted white.

Approximate position, lat.  $39^{\circ} 58' N.$ , long.  $119^{\circ} 48\frac{1}{2}' E.$

2. Chingwangtao is a *white group occulting* light showing *two eclipses every twenty seconds* (thus—light *fourteen seconds*, eclipse *two seconds*, light *two seconds*, eclipse *two seconds*—), elevated 87 feet above high water and visible in clear weather from a distance of 10 miles; it is shown from a white mast 38 feet high erected near the south-western extremity of the bluff. (*Notice No. 37 of 1901.*)

Approximate position, lat.  $39^{\circ} 55' N.$ , long.  $119^{\circ} 38' E.$

*This Notice affects the following Admiralty Charts:—Hong-Kong to Liao tung gulf, No. 1262; Pe chi li gulf, &c., No. 1256; Chingwangtao, No. 2357; Also, List of Lights, part VI, 1900, page 132; China Sea Directory, vol. III, 1894, pages 626, 627, and Supplement, 1898, page 31.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 40.

[Third Publication.]

JAPAN—KIUSIU, EAST COAST.

*Saiki bay—Position of Sukanose.*

WITH reference to Notice to Mariners No. 217, dated the 31st August 1900, issued by this office, the British Admiralty has given further notice (No. 45 of 1901) that Sukanose Saiki bay, a rock with a depth of 6 fathoms over it, is situated with Mitsu bosi (northern rock) bearing  $S. 1^{\circ} W.$ , distant  $2\frac{1}{2}$  cables, and Mura haye  $S. 84^{\circ} E.$ , and not as given in the abovementioned notice. This rock is connected by a reef with South Kando shima. (*Notice No. 45 of 1901.*)

Approximate position, lat.  $33^{\circ} 1' N.$ , long.  $131^{\circ} 54\frac{1}{2}' E.$

(*Variation  $4^{\circ}$  Westerly in 1901.*)

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 41.

[Third Publication.]

CHINA SEA—BANKA STRAIT.

*Palembang river light buoy established.*

THE British Admiralty has given notice (No. 46 of 1901) that a light buoy painted red and exhibiting a *red fixed* light has been established to mark the bank extending northward

from Pulo Payung, Sungi Sunsang or Palembang river. It is situated with Sunsang flag-staff bearing S.  $51^{\circ}$  W., distant one mile. (*Notice No. 46 of 1901.*)

Approximate position, lat.  $2^{\circ} 20'$  S., long.  $104^{\circ} 56'$  E.

(*Variation  $2^{\circ}$  Easterly in 1901.*)

*This Notice affects the following Admiralty Chart:—Banka strait, No. 2597: Also, China Sea Directory, vol. I, 1896, page 399; and Supplement, 1899, relating to that work, page 34.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 42.

[Third Publication.]

NEW ZELAND—HAURAKI GULF.

*Coromandel harbour—Rocks reported.*

THE British Admiralty has given notice (No. 49 of 1901) that information has been received from the Government of New Zealand that the following rocks have been reported to exist in the approach to Coromandel harbour:—

1. A rock, with a depth of 2 fathoms over it at low-water springs, about three-quarters of a mile N.  $43^{\circ}$  E. from Tuhua island.

Approximate position, lat.  $36^{\circ} 48'$  S., long.  $175^{\circ} 26\frac{1}{2}'$  E.

2. A sunken rock midway between Huieh island and the islet, about 2 cables north-eastward of it.
3. A rock, which uncovers at low-water springs, one mile N.  $5^{\circ}$  E. from the north point of Huieh island. (*Notice No. 49 of 1901.*)

(*Variation  $14^{\circ}$  Easterly in 1901.*)

*This Notice affects the following Admiralty Charts:—Maunganui bluff to Manukau harbour, &c., No. 2543; Coromandel harbour, No. 2035: Also, New Zealand Pilot, 1891, pages 111, 112.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.





APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, MARCH 6, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 51.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

*Dolphin shoal buoy relaid.*

WITH reference to Notice to Mariners No. 25, dated the 11th instant, issued by this office, the Port Officer, Chittagong, has given further notice that Dolphin shoal buoy has been relaid  $4\frac{1}{2}$  miles west (magnetic) of Kutabdia lighthouse in 4 fathoms of water reduced.

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 26th February 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 52.

[First Publication.]

AUSTRALIA—VICTORIA.

*Port Phillip Steam Pilot vessel established.*

THE British Admiralty has given notice (No. 70 of 1901) that on and after 1st January 1901, the sailing vessels employed in the pilot service off Port Phillip heads would be replaced by a steam vessel. The steam pilot vessel will have the same characteristics and observe the same regulations as those given for sailing pilot vessels in Australia Directory, Vol. I, 1897, page 430, with the following exceptions:—

- a. When under way, with pilots on board from sunset to sunrise, the pilot vessel will carry the usual side lights for steam vessels, but in addition a white light, at the masthead, and at a distance of 8 feet below it, a red light, both visible in all directions from a distance in clear weather of at least 2 miles.
- b. When at anchor with pilots on board, the steam pilot vessel will carry the above lights, with the exception of the side lights.
- c. When not engaged on pilotage duties, the pilot vessel will carry the same lights as an ordinary steam vessel.

When the steam pilot vessel leaves the cruising ground for coaling or provisioning, etc., a fore and aft schooner will do duty, but in the event of the steam vessel being absent for a longer period than 48 hours, a suitable steam vessel will be substituted. (Notice No. 70 of 1901.)

*This Notice affects Australia, Vol. I., 1897, page 430.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 53.

[First Publication.]

AUSTRALIA—VICTORIA.

*Port Phillip entrance—Shoal in south channel.*

THE British Admiralty has given notice (No. 77 of 1901) of the existence of a shoal with a depth over it of 26 feet on the line of the leading lights through the South channel to port Phillip, situate with point King bearing S. 28° E., distant 17 cables.

Approximate position, lat. 38° 18½' S., long. 144° 43½' E.

CAUTION.—Vessels of more than 26 feet draught are advised to keep to the southward of the leading lights in line when westward of No. 3 buoy. (*Notice No. 77 of 1901.*)

(Variation 8° Easterly in 1901.)

*This Notice affects the following Admiralty Charts:—Port Phillip entrance, No. 1171a, 2747a; Also, Australia Directory, vol. I, 1897, pages 444, 485; and Supplement, 1900, page 17.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 54.

[First Publication.]

PACIFIC OCEAN—SAMOA ISLANDS, TUTUILA.

*Pango Pango harbour—Light exhibited on breaker point.*

THE British Admiralty has given notice (No. 85 of 1901) that a white fixed light, elevated 188 feet above high water, and visible from a distance of 8 miles, is exhibited on Breaker point, Pango Pango harbour entrance; it is shown from an iron tripod painted white, erected on the highest point of the bluff over Breaker point. (*Notice No. 85 of 1901.*)

Approximate position, lat. 14° 19' S., long. 170° 39½' W.

*This Notice affects the following Admiralty Charts:—Samoa islands, No. 1730; Also, List of Lights, part VII, 1900, page 86; Pacific islands, vol. II, 1891, page 65; and vol. II, 1900 (now in press), page 107.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 55.

[First Publication.]

AUSTRALIA—SANDY CAPE.

*Existence of Shoal Water.*

THE Port Master, Brisbane, has given notice (No. 1 of 1901) of the existence of what appears to be Shoal Water bearing East ½ North from the Lighthouse, distant about 8 miles.

An early opportunity will be taken of examining the locality of the reported danger.

Chart affected—No. 1068, and Australia Directory, Vol. II.

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 56.

[First Publication.]

AUSTRALIA—SOUTH GULF OF ST. VINCENT.

*Port Adelaide river—Illuminated buoys at entrance.*

WITH reference to Notice to Mariners No. 304, dated the 27th November 1900, issued by this office, the President, Marine Board, Port Adelaide, has given notice (No. 2 of 1901) that upon the removal of the Port Adelaide Lighthouse from its present position at the approach to the Port Adelaide River, about June 1901, the entrance to the channel will be marked by an illuminated buoy or buoys. A further notice as to particulars and the precise date of exhibition will be issued in due course.

E. J. BEAUMONT, COMDR., R.I.M.,

*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,

*Asst. Secy., Marine Department.*

CALCUTTA, the 4th March 1901.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 49.

[Second Publication.]

CHINA SEA—PHILIPPINE ISLANDS—LUZON, EAST COAST.

*Kalaguas and Balesin islands—Dangers reported.*

THE British Admiralty has given notice (No. 62 of 1901) that the undermentioned dangers have been reported to exist on the east coast of Luzon, in the following positions:—

- (a) A coral reef, now named TARLAC, with a depth over it of 2 fathoms, on which the American S.S. *Tarlac* grounded, situated about 2 miles southward of Balesin island.

Approximate position, lat.  $14^{\circ} 23' N.$ , long.  $122^{\circ} 11' E.$

- (b) Breakers are reported to have been seen in a position to the north-westward of Kalaguas islands about 4 miles northward of Thurston rock in approximately lat.  $14^{\circ} 38' N.$ , long.  $122^{\circ} 39' E.$  (*Notice No. 62 of 1901.*)

*This Notice affects the following Admiralty Charts:—Philippine islands, No. 943; St. Bernardino and Mindoro straits, No. 2577; Also, Eastern Archipelago, Part I, 1890, pages 337, 339.*

E. J. BEAUMONT, COMDR., R.I.M.,

*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,

*Asst. Secy., Marine Department.*

CALCUTTA, the 23rd February 1901.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 50.

[Second Publication.]

AUSTRALIA—QUEENSLAND.

*Port Curtis—Leading lights—Buoys moved.*

WITH reference to Notice to Mariners No. 258, dated 12th October 1900, issued by this office, the British Admiralty has given further notice (No. 64 of 1901) respecting the positions and particulars of the new leading lights at port Curtis:—

1. Near the entrance to the Boyne river, two *white fixed* leading lights of the 4th order have been established: the front light, elevated 73 feet above high water and visible from a distance of 12 miles, is shown from a skeleton tower 30 feet high, painted white, situated with the western extreme of Canoe point bearing  $N. 85^{\circ} W.$ , distant 5 cables; the rear light, elevated 124 feet above high water, and visible from a distance of 14 miles, is shown from a square building, painted white, erected on a hill at a distance of  $9\frac{1}{2}$  cables  $S. 75^{\circ} W.$  from the front light.

These lights, in line  $S. 75^{\circ} W.$ , lead through the South channel entrance.

2. On the western slope of Gatecombe head two other *white fixed* leading lights have been established: the front light, elevated 32 feet above high water, is shown from a small house, erected at a distance of  $2\frac{1}{2}$  cables  $S. 34^{\circ} W.$  from Gatecombe signal staff. The rear light, elevated 80 feet above high water, is exhibited from a skeleton tower 80 feet high, erected at a distance of  $4\frac{1}{2}$  cables,  $N. 54^{\circ} W.$  from the front light.

Approximate position, front light, lat.  $23^{\circ} 53' S.$ , long.  $151^{\circ} 22\frac{1}{2}' E.$



**DIRECTIONS.**—To enter port Curtis by night steer in through the South channel, with the leading lights near the Boyne river in line S. 75° W. until the leading lights on Gatcombe head are in line N. 54° W., when alter course to N. 54° W., keeping those lights in line until East point light is shut in or Gatcombe head light opens out bearing N. 45° W., then alter course to N. 69° W., to pass about two cables South-West of the light boat at the inner side of the North channel.

3. The red can buoy, situated at a distance of  $2\frac{3}{10}$  miles S. 56° E. from Gatcombe signal staff, has been moved 4 cables N. 56° W. from its former position.  
(Notice No. 64 of 1901.)

(Variation 8° Easterly in 1901.)

**NOTE.**—A new edition of Chart No. 19 will be issued.

This Notice affects the following Admiralty Charts:—Sandy cape to Keppel islands, No. 345; Port Curtis, No. 1900; Also, List of Lights, Part VI, 1900, No. 1265, page 206; and Australia Directory, vol. II, 1898, page 178.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 43.

[Third Publication.]

AUSTRALIA—VICTORIA.

*Port Phillip entrance—Intended alteration of buoyage and lights in West channel.*

The British Admiralty has given notice (No. 50 of 1901) that it is intended, on 13th February 1901, to commence altering the lights and buoyage in the West channel to port Phillip as follows:—

1. The Pile light on the West sand will show the following sectors: *white* from the bearing of N. 34° E. through north to N. 77° W., *red* from N. 77° W. through west to S. 80° W., *white* from S. 80° W. through south to S. 14° E., and *red* from S. 14° E. through east to N. 34° E.

Approximate position, lat. 38° 11 $\frac{1}{4}$ ' S., long. 144° 45 $\frac{1}{2}$ ' E.

2. Popes Eye bank.—A *white occulting* light, elevated 24 feet above high water, and visible in clear weather from a distance of 7 miles, will be established and shown from a beacon near Popes Eye fort.
3. Swanspit gas buoy, exhibiting a red occulting light, will be replaced by a can buoy.
4. No. 4 buoy (red conical) will be moved about 2 cables S. 8° W. from its present position to mark the south-western extremity of the shoal.
5. Swashway buoy (red conical) will be replaced by a gas buoy, exhibiting a *red fixed* light, at the northern extremity of Royal George shoal.
6. No. 2, Royal George shoal buoy, exhibiting *white occulting* light, will be altered to show a *red occulting* light.

Approximate position, lat. 38° 16' S., long. 144° 41 $\frac{1}{2}$ ' E.

(Variation 8° Easterly in 1901.)

Further Notice will be given when these alterations are carried out. (Notice No. 50 of 1901.)

This Notice affects the following Admiralty Chart:—Port Phillip entrance, No. 1171a, 2747a; Also, List of Lights, part VI, 1900, No. 1116, page 182; and Australia Directory, vol. I, 1897, pages 445, 446, 447.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 44.

[Third Publication.]

## NORTH PACIFIC OCEAN.

*Grampus islands—Non-existence of—.*

THE British Admiralty has given notice (No. 54 of 1901) that the Commander of H.I.J.M.S. *Kongō* reports that he passed under favourable conditions over the assigned position of the Grampus islands without seeing any indication of them.

Approximate position, lat.  $25^{\circ} 10' N.$ , long.  $146^{\circ} 40' E.$

They were not seen by either of the U.S. ships *Alert* in 1881, or *Ropes* in 1893.

The Grampus islands were originally reported by Captain Meares in 1788, *vide* "Meares Voyage," page 94. In the account of his voyage it appears that he placed the Freewill islands (New Guinea)  $3^{\circ}$  eastward of their position as now accepted, and that four days after he had passed the Grampus islands he saw Lots Wife, which he placed  $2\frac{1}{2}^{\circ}$  eastward of the position now accepted for that island. Taking these facts into consideration, it appears highly probable that the islands he called Grampus were really some of the Volcano group.

The Grampus islands have sometimes been thought to be the Sebastian Lobos islands originally reported as being in  $25^{\circ} 40' N.$ ,  $154^{\circ} 0' E.$ , and the name Sebastian Lobos has been given, as well as Grampus, to the islands shown on the Admiralty chart in  $25^{\circ} 10' N.$ ,  $146^{\circ} 40' E.$ , but as neither of these islands have been reported more than once and have never been seen since, it is considered they do not exist, and they have been consequently expunged from the Admiralty charts. (Notice No. 54 of 1901.)

This Notice affects the following Admiralty Charts:—Atlantic and Indian Oceans, No. 2483; Pacific Ocean, Nos. 2683, 781; Also, China Sea Directory, vol. IV, 1894, page 205; and Pacific Islands, vol. I, 1900, page 451.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 45.

[Third Publication.]

## AFRICA, SOUTH—NATAL.

*Tugela river entrance—Rock reported.*

THE British Admiralty has given notice (No. 57 of 1901) that the Captain of the German S.S. *General* reports having struck on a shoal with a depth over it of from 3 to  $3\frac{1}{2}$  fathoms low water, at the entrance to the Tugela river in approximately lat.  $29^{\circ} 14' S.$ , long.  $31^{\circ} 33' E.$  (Notice No. 57 of 1901.)

This Notice affects the following Admiralty Charts:—Tugela river to Delagoa bay, No. 2089; Umtavuna river to Tugela river, No. 2088; Also, Africa Pilot, part III, 1897, page 181.

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 46.

[Third Publication.]

## AFRICA, NORTH-EAST—GULF OF ADEN.

*Cape Guardafui—Bank off—.*

THE British Admiralty has given notice (No. 59 of 1901) that information, dated 11th January 1901, has been received from Commander W. D. Worcester, R.N.R., Commanding P. & O. Co.'s S.S. *India*, that, on 22nd October 1900, he obtained a sounding of 42 fathoms, coarse sand and shell, off Cape Guardafui in approximately lat.  $12^{\circ} 17' N.$ , long  $51^{\circ} 11' E.$

This may be on a new bank, or an extension of the bank now shown on the Admiralty Chart. (*Notice No. 59 of 1901.*)

*This Notice affects the following Admiralty Chart:—Gulf of Aden, No. 6a: Also, Red sea and Gulf of Aden Pilot, 1900, page 38.*

W. B. HUDDLESTON, LIEUT., R.I.M.,  
for Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 47.

[Third Publication.]

INDIA, WEST—MALABAR COAST.

*Port of Hangarkotta—Light discontinued.*

With reference to Notice to Mariners No. 106, dated the 24th April 1900, issued by this office, the Presidency Port Officer, Madras, has given notice (No. 2 of 1901) that as the dangers outside Hangarkotta are now covered by the new 5th order light exhibited on Deria Bahadur Ghur island, the 6th order Red dioptric port light now exhibited at the port of Hankarkotta will be discontinued.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 48.

[Third Publication.]

AFRICA, NORTH-EAST—GULF OF ADEN.

*Aden harbour.—Burning of a blue light by pilot.*

THE Bombay Government has given notice (No. 7 of 1901) that on and from 1st February 1901 a blue light will be burnt by the pilot in his boat when he leaves the light ship to meet a vessel. This will show the position of his boat and enable the steamer to proceed towards him, and thereafter he will flash a white light at frequent intervals.

*This notice affects Admiralty Light List, Part VI, 1900, page 22.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.





APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, MARCH 13, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 57.

[First Publication.]

JAPAN—INLAND SEA.

*Harima Nada—Wreck in western approach.*

THE British Admiralty has given notice (No. 91 of 1901) that a wreck is reported to be lying sunk on the track recommended in the western approach to Harima Nada, situated with Oki shima lighthouse, bearing S. 85° W., distant nearly 19 cables, and the summit of the north end of O shima S. 5° E. (Notice No. 91 of 1901.)

Approximate position, lat. 34° 26½' N., long. 134° 5½' E.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Inland sea, No. 2875: Ozuchi sima to Funoko sima, No. 1969: Also, China Sea Directory, vol. IV, 1894, page 378.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 58.

[First Publication.]

EASTERN ARCHIPELAGO.—SURABAYA STRAIT.

*Pisangs reef buoy, replaced by light buoy.*

THE British Admiralty has given notice (No. 92 of 1901) that Pisangs reef buoy (white conical), situated about 3 miles N. 82° W. from Surabaya pier head, has been replaced by a light buoy exhibiting a white occulting light every forty seconds (light twenty seconds, eclipse twenty seconds). (Notice No. 92 of 1901.)

Approximate position, lat. 7° 11' S., long. 112° 41' E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Surabaya strait, No. 934: Also, Eastern Archipelago, part II, 1893, page 143; and Supplement, 1899, page 16.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 59.

[First Publication.]

PACIFIC OCEAN—KURIL ISLANDS.

*Paramushiru strait—Rock and Wreck.*

THE British Admiralty has given notice (No. 93 of 1901) that a rock, with a depth over it of  $1\frac{1}{2}$  fathoms, low water, is reported to exist in Paramushiru strait with Funa se bearing S.  $8^{\circ}$  E., distant 17 cables, and Kabuto yama S.  $25^{\circ}$  W.

Approximate position, lat.  $50^{\circ} 40\frac{1}{2}'$  N., long.  $156^{\circ} 9\frac{1}{2}'$  E.

The wreck of a steam-vessel, with a depth of from 2 to 3 fathoms over it, lies sunk at a distance of three-quarters of a cable S.  $73^{\circ}$  W. from the rock. (*Notice No. 93 of 1901.*)

(*Variation  $1^{\circ}$  Westerly in 1901.*)

*This Notice affects the following Admiralty Charts:—Plan of Paramushiru strait on Sheet No. 2128: Also, China Sea Directory, vol. IV, 1894, page 639.*

E. J. BEAUMONT, COMDR., R.I.M.,

*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 9th March 1901.

*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 60.

[First Publication.]

JAPAN—NIPON, EAST COAST.

*Sitomura, Minne rock—Position and particulars.*

THE British Admiralty has given notice (No. 94 of 1901) of the existence of a rock named Minne, with a depth of 3 fathoms over it, situated with the entrance to Sitomura or Shirakomura river, bearing N.  $42^{\circ}$  W., distant 7 cables, and Ooni Iwa, S.  $33^{\circ}$  W. (*Notice No. 94 of 1901.*)

Approximate position, lat.  $34^{\circ} 58\frac{1}{2}'$  N., long.  $139^{\circ} 58\frac{1}{2}'$  E.

(*Variation  $4^{\circ}$  Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—Gulf of Tokyo, No. 2657: Also, China Sea Directory, vol. IV., 1894, page 319.*

E. J. BEAUMONT, COMDR., R.I.M.,

*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 9th March 1901.

*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 61.

[First Publication.]

JAPAN—KIUSIU WEST COAST.

*Kaki no ura sima.—Reef to the Westward.*

THE British Admiralty has given notice (No. 95 of 1901) that the 3-fathom patch, situated at a distance of 4 cables N.  $76^{\circ}$  E. from Imo sima southern rock, is joined to the south point of Kaki no ura sima by a reef of rocks with a depth of 3 feet over it. (*Notice No. 95 of 1901.*)

Approximate position, lat.  $33^{\circ} 0'$  N., long.  $129^{\circ} 34'$  E.

(*Variation  $4^{\circ}$  Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—Matsu sima to Atsusi no Ō-sima, No. 140: Also, China Sea Directory, vol. IV., 1894, page 511; and Supplement, 1898, page 28.*

E. J. BEAUMONT, COMDR., R.I.M.,

*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 9th March 1901.

*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 62.

[First Publication.]

INDIA, WEST—KATHEAWAR COAST.

*Dwarka point light re-exhibited, and light vessel withdrawn.*

WITH reference to Notice to Mariners No. 301, dated the 24th November 1900, issued by this office, the British Admiralty has given further notice (No. 98 of 1901) that Dwarka point light (*white fixed*) is re-exhibited, and that the native vessel exhibiting a *white fixed* light has been withdrawn.

Dwarka point light shows the characteristics given in Admiralty List of Lights, part VI, 1900, No. 211. (*Notice No. 98 of 1901.*)

Approximate position, lat. 22° 14' N., long. 68° 57' E.

*This Notice affects the following Admiralty Chart:—Dwarka point to Diu head, No. 1420; Also, List of Lights, part VI, 1900, No. 211; and West Coast of Hindustan Pilot, 1898, page 267.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 63.

[First Publication.]

CHINA, EAST—HONGKONG.

*Wag lan fog signal—Permanently established.*

THE British Admiralty has given notice (No. 107 of 1901) that on and after 1st July 1901, the fog gun at Wag lan lighthouse will be fired *twice* in succession, with an interval of *fifteen seconds* between the reports, *every twelve minutes* during the whole period of thick or foggy weather, and not as formerly, only when a vessel's fog signals were heard. (*Notice No. 107 of 1901.*)

Approximate position, lat. 22° 11' N., long. 114° 18' E.

*This notice affects the following Admiralty Charts:—Hongkong to the Brothers, No. 1932; Macao to Pedro Blanco, No. 3026; Approaches to Hongkong, No. 1180; Hongkong, No. 1466; Also, List of Lights, part VI, 1900, No. 709; China Sea Directory, vol. III, 1894, page 71, and Supplement, 1898, page 7.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 61.

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

*Dolphin shoal buoy relaid.*

WITH reference to Notice to Mariners No. 25, dated the 11th instant, issued by this office, the Port Officer, Chittagong, has given further notice that Dolphin shoal buoy has been relaid 4½ miles west (magnetic) of Kutabdia lighthouse in 4 fathoms of water reduced.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 26th February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 52.

[Second Publication.]

AUSTRALIA—VICTORIA.

*Port Phillip Steam Pilot vessel established.*

THE British Admiralty has given notice (No. 70 of 1901) that on and after 1st January 1901, the sailing vessels employed in the pilot service off Port Phillip heads would be replaced by a steam vessel. The steam pilot vessel will have the same characteristics and observe the same regulations as those given for sailing pilot vessels in Australia Directory, Vol. I, 1897, page 430, with the following exceptions:—

- a. When under way, with pilots on board from sunset to sunrise, the pilot vessel will carry the usual side lights for steam vessels, but in addition a white light, at the masthead, and at a distance of 8 feet below it, a red light, both visible in all directions from a distance in clear weather of at least 2 miles.
- b. When at anchor with pilots on board, the steam pilot vessel will carry the above lights, with the exception of the side lights.
- c. When not engaged on pilotage duties, the pilot vessel will carry the same lights, as an ordinary steam vessel.

When the steam pilot vessel leaves the cruising ground for coaling or provisioning, etc., a fore and aft schooner will do duty, but in the event of the steam vessel being absent for a longer period than 48 hours, a suitable steam vessel will be substituted. (Notice No. 70 of 1901.)

*This Notice affects Australia, Vol. I., 1897, page 430.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 53.

[Second Publication.]

AUSTRALIA—VICTORIA.

*Port Phillip entrance—Shoal in south channel.*

THE British Admiralty has given notice (No. 77 of 1901) of the existence of a shoal with a depth over it of 26 feet on the line of the leading lights through the South channel to port Phillip, situate with point King bearing S. 28° E., distant 17 cables.

Approximate position, lat. 38° 18½' S., long. 144° 43½' E.

CAUTION.—Vessels of more than 26 feet draught are advised to keep to the southward of the leading lights in line when westward of No. 3 buoy. (Notice No. 77 of 1901.)

(Variation 8° Easterly in 1901.)

*This Notice affects the following Admiralty Charts:—Port Phillip entrance, No. 1171a, 2747a; Also, Australia Directory, vol. I, 1897, pages 444, 485; and Supplement, 1900, page 17.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 54.

[Second Publication.]

PACIFIC OCEAN—SAMOA ISLANDS, TUTUILA.

*Pango Pango harbour—Light exhibited on breaker point.*

THE British Admiralty has given notice (No. 85 of 1901) that a white fixed light, elevated 188 feet above high water, and visible from a distance of 8 miles, is exhibited on

Breaker point, Pango Pango harbour entrance; it is shown from an iron tripod painted white, erected on the highest point of the bluff over Breaker point. (*Notice No. 85 of 1901.*)

Approximate position, lat.  $14^{\circ} 19' S.$ , long.  $170^{\circ} 39\frac{1}{2}' W.$

*This Notice affects the following Admiralty Charts:—Samoa islands, No. 1730; Also, List of Lights, part VII, 1900, page 86; Pacific islands, vol. II, 1891, page 65; and vol. II, 1900 (now in press), page 107.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 55.

[Second Publication.]

AUSTRALIA—SANDY CAPE.

*Existence of Shoal Water.*

THE Port Master, Brisbane, has given notice (No. 1 of 1901) of the existence of what appears to be Shoal Water bearing East  $\frac{1}{2}$  North from the Lighthouse, distant about 8 miles.

An early opportunity will be taken of examining the locality of the reported danger. Chart affected—No. 1068, and Australia Directory, Vol. II.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 56.

[Second Publication.]

AUSTRALIA—SOUTH GULF OF ST. VINCENT.

*Port Adelaide river—Illuminated buoys at entrance.*

WITH reference to Notice to Mariners No. 304, dated the 27th November 1900, issued by this office, the President, Marine Board, Port Adelaide, has given notice (No. 2 of 1901) that upon the removal of the Port Adelaide Lighthouse from its present position at the approach to the Port Adelaide River, about June 1901, the entrance to the channel will be marked by an illuminated buoy or buoys. A further notice as to particulars and the precise date of exhibition will be issued in due course.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 49.

[Third Publication.]

CHINA SEA—PHILIPPINE ISLANDS—LUZON, EAST COAST.

*Kalaguas and Balesin islands—Dangers reported.*

THE British Admiralty has given notice (No. 62 of 1901) that the undermentioned dangers have been reported to exist on the east coast of Luzon, in the following positions:—

- (a) A coral reef, now named TARLAC, with a depth over it of 2 fathoms, on which the American S.S. *Tarlac* grounded, situated about 2 miles southward of Balesin island.

Approximate position, lat.  $14^{\circ} 23' N.$ , long.  $122^{\circ} 1\frac{1}{2}' E.$

- (b) Breakers are reported to have been seen in a position to the north-westward of Kalagnas islands about 4 miles northward of Thurston rock in approximately lat. 14° 38' N., long. 122° 39' E. (*Notice No. 62 of 1901.*)

*This Notice affects the following Admiralty Charts:—Philippine islands, No. 943; St. Bernardino and Mindoro straits, No. 2577; Also, Eastern Archipelago, Part I, 1890, pages 337, 339.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 50.

[Third Publication.]

AUSTRALIA—QUEENSLAND.

*Port Curtis—Leading lights—Buoys moved.*

WITH reference to Notice to Mariners No. 258, dated 12th October 1900, issued by this office, the British Admiralty has given further notice (No. 64 of 1901) respecting the positions and particulars of the new leading lights at port Curtis:—

1. Near the entrance to the Boyne river, two *white fixed* leading lights of the 4th order have been established: the front light, elevated 73 feet above high water and visible from a distance of 12 miles, is shown from a skeleton tower 30 feet high, painted white, situated with the western extreme of Canoe point bearing N. 85° W., distant 5 cables; the rear light, elevated 124 feet above high water, and visible from a distance of 14 miles, is shown from a square building, painted white, erected on a hill at a distance of 9½ cables S. 75° W. from the front light.  
These lights, in line S. 75° W., lead through the South channel entrance.
2. On the western slope of Gatecombe head two other *white fixed* leading lights have been established: the front light, elevated 32 feet above high water, is shown from a small house, erected at a distance of 2½ cables S. 34° W. from Gatecombe signal staff. The rear light, elevated 80 feet above high water, is exhibited from a skeleton tower 30 feet high, erected at a distance of 4½ cables, N. 64° W. from the front light.

Approximate position, front light, lat. 23° 13' S., long. 151° 22½' E.

DIRECTIONS.—To enter port Curtis by night steer in through the South channel, with the leading lights near the Boyne river in line S. 75° W. until the leading lights on Gatecombe head are in line N. 64° W., when alter course to N. 64° W., keeping those lights in line until East point light is shut in or Gatecombe head light opens out bearing N. 45° W., then alter course to N. 69° W., to pass about two cables South-West of the light boat at the inner side of the North channel.

3. The red can buoy, situated at a distance of 2½ miles S. 56° E. from Gatecombe signal staff, has been moved 4 cables N. 56° W. from its former position.  
(*Notice No. 64 of 1901.*)

(*Variation 8° Easterly in 1901.*)

NOTE.—A new edition of Chart No. 19 will be issued.

*This Notice affects the following Admiralty Charts:—Sandy cape to Keppel islands, No. 345; Port Curtis, No. 1900; Also, List of Lights, Part VI, 1900, No. 1265, page 206; and Australia Directory, vol. II, 1898, page 178.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd February 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.





APPENDIX TO  
**The Calcutta Gazette.**

WEDNESDAY, MARCH 20, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 64.

[First Publication.]

EASTERN ARCHIPELAGO—CELEBES.

*Wowoni strait—New reefs.*

THE British Admiralty has given notice (No. 111 of 1901) of the existence of a reef, with a depth of  $2\frac{1}{2}$  fathoms over it, situated between West Tweeling reef and Lange reef, Wowoni strait. Also, that there are several reefs between Lange reef and the coast of Wowoni island; the proper route therefore through Wowoni channel lies between West Tweeling reef and the coast of Celebes. (*Notice No. 111 of 1901.*)

Approximate position of West Tweeling reef, lat.  $4^{\circ} 12\frac{1}{2}'$  S., long.  $122^{\circ} 54\frac{1}{2}'$  E.

*This Notice affects the following Admiralty Chart:—Wow ni strait, on sheet No. 2196; Also, Eastern Archipelago, part II, 1893, page 358; and Supplement, 1899, page 57.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 16th March 1901.

*Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 65.

[First Publication.]

INDIA, SOUTH—CEYLON, NORTH COAST.

*Pedro point—Light exhibited.*

THE British Admiralty has given notice (No. 114 of 1901) that a red fixed light (dioptric, 5th order), elevated 60 feet above high water, and visible in clear weather from a distance of 7 miles, has been exhibited from a steel mast, painted white, erected on the coast south-eastward of Pedro point; it has been placed on the Chart in approximately lat.  $9^{\circ} 49' 30''$  N., long.  $80^{\circ} 15'$  E. (*Notice No. 114 of 1901.*)

*This Notice affects the following Admiralty Charts:—Cape Comorin to C comada, No. 828; Palk strait, No. 68a; Ceylon, east coast, No. 2031; point Pedro to Delit island, No. 2197; Also, List of Lights, part VI, 1900, page 48; and Bay of Bengal Pilot, 1892, page 94.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta*

Published for general information.

C. B. BAYLEY.

CALCUTTA, the 16th March 1901.

*Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 66.

[First Publication.]

EASTERN ARCHIPELAGO—BANKA STRAIT.

*Banju Asin—Buoy replaced by light buoy.*

THE British Admiralty has given notice (No. 118 of 1901) that the white nun buoy surmounted by a ball, moored about  $2\frac{1}{4}$  miles to the southward of Tanjong Api api, Banju Asin, has been replaced by light buoy, painted white, and exhibiting a white occulting light every thirty seconds. (Notice No. 118 of 1901.)

Approximate position, lat  $2^{\circ} 18' S.$ , long  $104^{\circ} 51' E.$

This Notice affects the following Admiralty Charts:—*Gaspar and Banka straits No. 2149; Banka strait to Singapore, No. 2757; Also, China Sea Directory, vol. I., 1896, page 400, and Supplement, 1899, page 35.*

E. J. BEAMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 67.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA, NORTH EAST COAST.

*Babalan channel—Alteration in buoyage.*

THE British Admiralty has given notice (No. 120 of 1901) that the following alterations have been made in the buoyage of Babalan channel:—

1. The light buoy exhibiting a red fixed light at the entrance to Babalan river has been replaced by a light buoy painted black, exhibiting a white occulting light every thirty seconds.  
Approximate position, lat.  $4^{\circ} 6' N.$ , long.  $98^{\circ} 19' E.$
2. The white nun buoy with lantern attached has been replaced by a light buoy painted white and exhibiting a white fixed light. (Notice No. 120 of 1901.)

Approximate position, lat.  $4^{\circ} 8' N.$ , long.  $98^{\circ} 20' E.$

This Notice affects the following Admiralty Chart:—*Diamond Point to Pulo Berhala, No. 1553; Also, China Sea Directory, vol. I., 1896, page 78; and Supplement, 1899, page 7.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 68.

[First Publication.]

INDIA, WEST—KATHIAWAR COAST.

*Dwarka point new light.*

THE following Notice to Mariners (No. 11 of 1901), issued by the Bombay Government, is republished for general information in continuation of No. 62, dated the 3rd instant, issued by this office:—

Further information has been received from the Resident at Baroda, dated 21st February 1901, that the Dwarka Point New Light is a white double flashing light of the 4th order, showing two flashes every twenty seconds, thus: flash 1.4 seconds, eclipse 2.1 seconds; flash 1.4 seconds, eclipse 15 seconds.

It is elevated 76 feet above high water, visible in clear weather from a distance of 15 miles and is shown from a stone tower painted white with broad black band at top.

The light-house is 58 feet high.

*This Notice affects the following Admiralty Charts:—Dwarka Point to Diu Head, No. 1420; Gulf of Kutch, No. 43; Coasts of Sind and Kutch, No. 42; Gulf of Kutch to Viziadurg, No. 2736; Karachi to Vengurla, No. 826; Arabian Sea, No. 1012, and Indian Ocean, Northern portion, No. 7486; Also, West Coast of Hindustan Pilot, 1898, page 267; Also, Light List, Part VI, 1900, No. 211.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 69.

[First Publication.]

AUSTRALIA—WIDE BAY BAR.

*Square white beacons to be kept open.*

THE Port Master, Brisbane, has given notice (No. 1 of 1901) that the square white beacons for crossing Wide Bay Bar, bearing when in line N. 88° W., must be kept open once their own width to the northward when crossing the bar. With the beacons in this position 17 feet at L.W.S. will be obtained.

*Charts affected—Nos. 1030 and 1068; Australia Directory, vol. 2.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 67.

[Second Publication.]

JAPAN—INLAND SEA.

*Harima Nada—Wreck in western approach.*

THE British Admiralty has given notice (No. 91 of 1901) that a wreck is reported to be lying sunk on the track recommended in the western approach to Harima Nada, situated with Ōki shima lighthouse, bearing S. 85° W., distant nearly 19 cables, and the summit of the north end of Ō shima S. 5° E. (*Notice No. 91 of 1901.*)

Approximate position, lat. 34° 26½' N., long. 134° 5½' E.

(*Variation 4° Westerly in 1901.*)

*This Notice affects the following Admiralty Charts:—Inland sea, No. 2875: Ōzūci sima to Funoko sima, No. 1969; Also, China Sea Directory, vol. IV, 1894, page 378.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 68.

[Second Publication.]

EASTERN ARCHIPELAGO.—SURABAYA STRAIT.

*Pisangs reef buoy, replaced by light buoy.*

THE British Admiralty has given notice (No. 92 of 1901) that Pisangs reef buoy (white conical), situated about 3 miles N. 82° W. from Surabaya pier head, has been replaced by a



light buoy exhibiting a white occulting light every forty seconds (light twenty seconds, eclipse twenty seconds). (Notice No. 92 of 1901.)

Approximate position, lat.  $7^{\circ} 11' S.$ , long.  $112^{\circ} 41' E.$

(Variation  $2^{\circ}$  Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Surabaya strait, No. 934: Also, Eastern Archipelago, part II, 1893, page 143; and Supplement, 1899, page 16.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 59.

[Second Publication.]

PACIFIC OCEAN—KURIL ISLANDS.

Paramushiru strait—Rock and Wreck.

THE British Admiralty has given notice (No. 93 of 1901) that a rock, with a depth over it of  $1\frac{1}{2}$  fathoms, low water, is reported to exist in Paramushiru strait with Funase bearing  $S. 8^{\circ} E.$ , distant 17 cables, and Kabuto yama  $S. 25^{\circ} W.$

Approximate position, lat.  $50^{\circ} 40\frac{1}{2}' N.$ , long.  $156^{\circ} 9\frac{1}{2}' E.$

The wreck of a steam-vessel, with a depth of from 2 to 3 fathoms over it, lies sunk at a distance of three-quarters of a cable  $S. 73^{\circ} W.$  from the rock. (Notice No. 93 of 1901.)

(Variation  $1^{\circ}$  Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Plan of Paramushiru strait on Sheet No. 2128: Also, China Sea Directory, vol. IV, 1894, page 639.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 60.

[Second Publication.]

JAPAN—NIPON, EAST COAST.

Sitomura, Minne rock—Position and particulars.

THE British Admiralty has given notice (No. 94 of 1901) of the existence of a rock named Minne, with a depth of 3 fathoms over it, situated with the entrance to Sitomura or Shirakomura river, bearing  $N. 42^{\circ} W.$ , distant 7 cables, and Ooni Iwa,  $S. 33^{\circ} W.$  (Notice No. 94 of 1901.)

Approximate position, lat.  $34^{\circ} 58\frac{1}{2}' N.$ , long.  $139^{\circ} 58\frac{1}{2}' E.$

(Variation  $4^{\circ}$  Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Gulf of Tokyo, No. 265: Also, China Sea Directory, vol. IV, 1894, page 319.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta

Published for general information.

CALCUTTA, the 9th March 1901

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 61.

[Second Publication.]

JAPAN—KIUSIU WEST COAST.

Kaki no ura sima.—Reef to the Westward.

THE British Admiralty has given notice (No. 95 of 1901) that the 3-fathom patch, situated at a distance of 4 cables  $N. 76^{\circ} E.$  from Imo sima southern rock, is joined to the

south point of Kaki no ura sima by a reef of rocks with a depth of 3 feet over it. (*Notice No. 95 of 1901.*)

Approximate position, lat.  $33^{\circ} 0' N.$ , long.  $129^{\circ} 34' E.$

(Variation  $4^{\circ}$  Westerly in 1901.)

This Notice affects the following Admiralty Chart:—*Matsu sima* to *Atsusi no Ō-sima*, No. 140: Also, *China Sea Directory*, vol. IV., 1894, page 511; and *Supplement*, 1898, page 28.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 62.

[Second Publication.]

INDIA, WEST—KATHEAWAR COAST.

*Dwarka point light re-exhibited, and light vessel withdrawn.*

WITH reference to Notice to Mariners No. 301, dated the 24th November 1900, issued by this office, the British Admiralty has given further notice (No. 98 of 1901) that Dwarka point light (*white fixed*) is re-exhibited, and that the native vessel exhibiting a *white fixed* light has been withdrawn.

Dwarka point light shows the characteristics given in Admiralty List of Lights, part VI, 1900, No. 211. (*Notice No. 98 of 1901.*)

Approximate position, lat.  $22^{\circ} 14' N.$ , long.  $68^{\circ} 57' E.$

This Notice affects the following Admiralty Chart:—*Dwarka point to Diu head*, No. 1420: Also, *List of Lights*, part VI, 1900, No. 211; and *West Coast of Hindustan Pilot*, 1898, page 267.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 63.

[Second Publication.]

CHINA, EAST—HONGKONG.

*Wag lan fog signal—Permanently established.*

THE British Admiralty has given notice (No. 107 of 1901) that on and after 1st July 1901, the fog gun at Wag lan lighthouse will be fired *twice* in succession, with an interval of *fifteen seconds* between the reports, *every twelve minutes* during the whole period of thick or foggy weather, and not as formerly, only when a vessel's fog signals were heard. (*Notice No. 107 of 1901.*)

Approximate position, lat.  $22^{\circ} 11' N.$ , long.  $114^{\circ} 18' E.$

This notice affects the following Admiralty Charts:—*Hongkong to the Brothers*, No. 1962; *Macao to Pedro Blanco*, No. 3026; *Approaches to Hongkong*, No. 1180; *Hongkong*, No. 1466; Also, *List of Lights*, part VI, 1900, No. 709; *China Sea Directory*, vol. III, 1894, page 71, and *Supplement*, 1898, page 7.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 51.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

*Dolphin shoal buoy relaid.*

WITH reference to Notice to Mariners No. 25, dated the 11th instant, issued by this office, the Port Officer, Chittagong, has given further notice that Dolphin shoal buoy has been relaid  $4\frac{1}{2}$  miles west (magnetic) of Kutabdia lighthouse in 4 fathoms of water reduced.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 26th February 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 52.

[Third Publication.]

AUSTRALIA—VICTORIA.

*Port Phillip Steam Pilot vessel established.*

THE British Admiralty has given notice (No. 70 of 1901) that on and after 1st January 1901, the sailing vessels employed in the pilot service off Port Phillip heads would be replaced by a steam vessel. The steam pilot vessel will have the same characteristics and observe the same regulations as those given for sailing pilot vessels in Australia Directory, Vol. I, 1897, page 430, with the following exceptions:—

- When under way, with pilots on board from sunset to sunrise, the pilot vessel will carry the usual side lights for steam vessels, but in addition a white light, at the masthead, and at a distance of 8 feet below it, a red light, both visible in all directions from a distance in clear weather of at least 2 miles.
- When at anchor with pilots on board, the steam pilot vessel will carry the above lights, with the exception of the side lights.
- When not engaged on pilotage duties, the pilot vessel will carry the same lights, as an ordinary steam vessel.

When the steam pilot vessel leaves the cruising ground for coaling or provisioning, etc., a fore and aft schooner will do duty, but in the event of the steam vessel being absent for a longer period than 48 hours, a suitable steam vessel will be substituted. (Notice No. 70 of 1901.)

*This Notice affects Australia, Vol. I, 1897, page 430.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 4th March 1901

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 53.

[Third Publication.]

AUSTRALIA—VICTORIA.

*Port Phillip entrance—Shoal in south channel.*

THE British Admiralty has given notice (No. 77 of 1901) of the existence of a shoal with a depth over it of 26 feet on the line of the leading lights through the South channel to port Phillip, situate with point King bearing S.  $28^{\circ}$  E., distant 17 cables.

Approximate position, lat.  $38^{\circ} 18\frac{1}{2}'$  S., long.  $144^{\circ} 43\frac{1}{2}'$  E.

CAUTION.—Vessels of more than 26 feet draught are advised to keep to the southward of the leading lights in line when westward of No. 3 buoy. (Notice No. 77 of 1901.)

(Variation  $8^{\circ}$  Easterly in 1901.)

*This Notice affects the following Admiralty Charts:—Port Phillip entrance, No. 1171a, 2747a; Also, Australia Directory, vol. I, 1897, pages 444, 485; and Supplement, 1900, page 17.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 4th March 1901.

Asst. Secy., Marine Department.



## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 51.

[Third Publication.]

PACIFIC OCEAN—SAMOA ISLANDS, TUTUILA.

*Pango Pango harbour—Light exhibited on breaker point.*

THE British Admiralty has given notice (No. 85 of 1901) that a *white fixed light*, elevated 188 feet above high water, and visible from a distance of 8 miles, is exhibited on Breaker point, Pango Pango harbour entrance; it is shown from an iron tripod painted white, erected on the highest point of the bluff over Breaker point. (*Notice No. 85 of 1901.*)

Approximate position, lat.  $14^{\circ} 19' S.$ , long.  $170^{\circ} 39\frac{1}{2}' W.$

*This Notice affects the following Admiralty Charts:—Samoa islands, No. 1730; Also, List of Lights, part VII, 1900, page 86; Pacific islands, vol. II, 1891, page 65; and vol. II, 1900 (now in press), page 107.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 55.

[Third Publication.]

AUSTRALIA—SANDY CAPE.

*Existence of Shoal Water.*

THE Port Master, Brisbane, has given notice (No. 1 of 1901) of the existence of what appears to be Shoal Water bearing East  $\frac{1}{2}$  North from the Lighthouse, distant about 8 miles. An early opportunity will be taken of examining the locality of the reported danger. Chart affected—No. 1068, and Australia Directory, Vol. II.

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 56.

[Third Publication.]

AUSTRALIA—SOUTH GULF OF ST. VINCENT.

*Port Adelaide river—Illuminated buoys at entrance.*

WITH reference to Notice to Mariners No. 304, dated the 27th November 1900, issued by this office, the President, Marine Board, Port Adelaide, has given notice (No. 2 of 1901) that upon the removal of the Port Adelaide Lighthouse from its present position at the approach to the Port Adelaide River, about June 1901, the entrance to the channel will be marked by an illuminated buoy or buoys. A further notice as to particulars and the precise date of exhibition will be issued in due course.

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 4th March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*



APPENDIX TO  
**The Calcutta Gazette.**

WEDNESDAY, MARCH 27, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 70.

[First Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

*Tareti island beacon destroyed.*

THE British Admiralty has given notice (No. 130 of 1901) that Tareti island beacon which has been destroyed by bad weather will not be replaced.

Tareti island is now higher than formerly, and it is proposed to plant trees on it. (Notice No. 130 of 1901.)

Approximate position, lat.  $22^{\circ} 23\frac{1}{4}'$  S., long.  $166^{\circ} 38\frac{3}{4}'$  E.

This Notice affects the following Admiralty Charts:—New Caledonia, No. 936b; Uen island to St. Vincent bay, No. 2907; Also, Pacific islands, vol. I, part II, 1893, page 38; and Pacific islands, vol. II (now in press), page 310.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 71.

[First Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

*Nepui bay—Beacon erected.*

THE British Admiralty has given notice (No. 131 of 1901,) that a white beacon with a ball as a topmark has been erected on the one foot rock on the eastern side of the entrance to Nepui bay, port Muéo. From it the beacon on Nepui peninsula bears N.  $61^{\circ}$  E., distant  $4\frac{1}{2}$  cables, and Observation rock S.  $22^{\circ}$  W. (Notice No. 131 of 1901.)

Approximate position, lat.  $21^{\circ} 20'$  S., long.  $164^{\circ} 58\frac{3}{4}'$  E.

(Variation  $10^{\circ}$  Easterly in 1901.)

This Notice affects the following Admiralty Chart:—New Caledonia, No. 936b; Also, Pacific islands, vol. I, part II, 1891, page 73; and Pacific islands, vol. II (now in press), page 330.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 72.

[First Publication.]

GULF OF ADEN—ADEN HARBOUR.

*Signals made by Pilot.*

THE British Admiralty has given notice (No. 134 of 1901) that after the 1st February 1901 a blue light will be burnt by the pilot when his boat leaves the light vessel at Aden, after which he will flash a white light at frequent intervals.

These signals will show the position of the boat and facilitate the embarkation of the pilot. (Notice No. 134 of 1901.)

*This Notice affects Red Sea and Gulf of Aden Pilot, 1900, page 350.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 73.

[First Publication.]

EASTERN ARCHIPELAGO—MALACCA STRAIT.

*Perak river approach—Position and particulars of Rosa rock.*

WITH reference to Notice to Mariners No. 269, dated the 20th October 1900, issued by this office, the British Admiralty has given further notice (No. 138 of 1901) that Rosa rock has a depth of  $1\frac{1}{2}$  fathoms over it, low-water springs, and is situated with the islet, 163 feet (pulo Payong), bearing N.  $53^{\circ}$  W., distant 6 cables, and pulo Kembia summit S  $50^{\circ}$  W. (Notice No. 138 of 1901.)

Approximate position on Chart No. 1009, lat.  $4^{\circ} 34' N.$ , long.  $100^{\circ} 34\frac{1}{2}' E.$

(Variation  $5^{\circ}$  Easterly in 1901.)

*This Notice affects the following Admiralty Charts:—Butang group to Pulo Berhala, No. 793; approaches to Perak river, No. 1009; Also, China Sea Directory, vol. I, 1896, page 166.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 74.

[First Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—LUZON.

*Balintang channel—Shoal soundings obtained.*

THE British Admiralty has given notice (No. 139 of 1901) that broken water was seen, and the following line of soundings obtained from the U.S.S. *New Orleans* steering to the northward in the Balintang channel, north coast of Luzon:—

150 fathoms, no bottom, in lat.  $19^{\circ} 40' N.$ , long.  $121^{\circ} 28' E.$ , then 20 fathoms hard bottom, 54 fathoms rock, 38 fathoms rock, 54 fathoms coral, and finally 100 fathoms no bottom, in lat.  $19^{\circ} 47' N.$ , long.  $121^{\circ} 26' E.$

The soundings were obtained at about equal intervals between these two positions.

The broken water may be only a tide rip, but it is possible that shoaler water exists, as this break was seen by the same vessel on a previous occasion in the vicinity. (Notice No. 139 of 1901.)

*This Notice affects the following Admiralty Charts:—China Sea, No. 2661b; Luzon island, northern portion, No. 2454; Also, China Sea Directory, vol. 3, 1894, pages 228, 229; and Supplement, 1898, page 20.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*



GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 76.

[First Publication.]

CHINA—SHAN TUNG—KYAU CHAU BAY.

*Beacons marking telegraph cable.*

THE British Admiralty has given notice (No. 142 of 1901) that two white wooden beacons, each 39 feet high, with rectangular topmarks, have been erected in Clara bay, Kyau Chau bay entrance, to mark the approximate direction of the submarine cable to Shanghai.

The exact position of these beacons is not stated, but the front beacon on the western side of the bay is elevated 88 feet above high water, and the rear beacon, elevated 269 feet above high water, is situated about  $1\frac{1}{2}$  cables N. 22° E. from it.

Vessels are forbidden to anchor eastward of the two beacons in line. (*Notice No. 142 of 1901.*)

Approximate position of Clara bay, lat.  $36^{\circ} 3' N.$ , long.  $120^{\circ} 20' E.$

*This Notice affects the following Admiralty Chart:—Kyau chau bay, No. 857: Also, China Sea Directory, vol. III, 1894, page 526; and Supplement, 1898, page 28.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 76.

[First Publication.]

CHINA—SHAN TUNG—KYAU CHAU BAY.

*Arcona islet—Light exhibited.*

THE British Admiralty has given notice (No. 143 of 1901) that a red fixed light, elevated 72 feet above high water, and visible from the bearing of N.  $65^{\circ} W.$  through north and east, to S.  $20^{\circ} E.$ , is exhibited on the islet, now named Arcona, situated  $3\frac{1}{2}$  cables S.  $22^{\circ} E.$  from Tsai Tau pier head. (*Notice No. 143 of 1901.*)

Approximate position, lat.  $36^{\circ} 3' N.$ , long.  $120^{\circ} 19' E.$

(*Variation  $3^{\circ}$  Westerly in 1901.*)

*This Notice affects the following Admiralty Charts:—Kyau chau bay, No. 857: Also, List of Lights, part VI, 1901, page 134; China Sea Directory, vol. III, 1894, page 526; and Supplement, 1898, page 28.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 77.

[First Publication.]

PACIFIC OCEAN—CAROLINE ISLANDS.

*Suk or Pulusuk, Pozoat—Reefs and tides in the vicinity of—.*

NOTICE TO MARINERS No. 146 of 1901 issued by the British Admiralty is republished.

The following information, dated 20th November 1900, has been received from Mr. J. G. Hitchfield, commanding the schooner *Queen of the Isles*, respecting the reefs and tides in the vicinity of Suk, and Pozoat, Caroline Islands:—

- a. Mr. Hitchfield states that the Susanne reef, Pu'usuk island, and the shoal reported in 1886, are connected together by a bank on which there is a depth of 12 fathoms or less. The tide is said to run strongly over this bank, the flood setting to the eastward and the ebb to the westward.

Approximate position, lat.  $6^{\circ} 55' N.$ , long.  $149^{\circ} 15' E.$

- b. The Uranie bank is said to be connected to Pozoat island.

Approximate position, lat.  $7^{\circ} 22' N.$ , long.  $149^{\circ} 25' E.$

- c. A bank, now called Hitchfield bank, with a depth over it of 11 fathoms or less, and 4 or 5 miles in diameter, was passed over in lat.  $7^{\circ} 46' N.$ , long  $149^{\circ} 42' E.$  (Notice No. 146 of 1901.)

*This Notice affects the following Admiralty Charts:—Pacific, No. 781; Caroline islands, No. 980; Also, Pacific islands, vol. I, 1900, page 429.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 78.

[First Publication.]

GULF OF ADEN—ADEN HARBOUR.

*Alteration in position of Marbut shoal light-vessel.*

The following Notice to Mariners (No. 16 of 1901) issued by the Bombay Government is republished:—

Information has been received from the Port Officer, Aden, dated 28th February 1901, that the Ras Marbut Shoal light vessel will be shifted from its present position 600 feet N. by W. (true) on to the edge of the deep channel on March 1st, 1901.

*This Notice affects Chart No. 7, Aden and adjacent Bays, and Red Sea and Gulf of Aden Pilot, 1892, 4th Edition, page 381, and Light List, Part VI, 1900, No. 131.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information

CALCUTTA, the 25th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 64.

[Second Publication.]

EASTERN ARCHIPELAGO—CELEBES.

*Wowoni strait—New reefs.*

THE British Admiralty has given notice (No. 111 of 1901) of the existence of a reef, with a depth of  $2\frac{1}{2}$  fathoms over it, situated between West Tweeling reef and Lange reef, Wowoni strait. Also, that there are several reefs between Lange reef and the coast of Wowoni island; the proper route therefore through Wowoni channel lies between West Tweeling reef and the coast of Celebes. (Notice No. 111 of 1901.)

Approximate position of West Tweeling reef, lat.  $4^{\circ} 12\frac{1}{2}' S.$ , long.  $122^{\circ} 54\frac{1}{2}' E.$

*This Notice affects the following Admiralty Chart:—Wow ni strait, on sheet No. 2196: Also, Eastern Archipelago, part II, 1893, page 358; and Supplement, 1899, page 57.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 65.

[Second Publication.]

INDIA, SOUTH—CEYLON, NORTH COAST.

*Pedro point—Light exhibited.*

THE British Admiralty has given notice (No. 114 of 1901) that a red fixed light (dioptric, 5th order), elevated 60 feet above high water, and visible in clear weather from a distance of 7 miles, has been exhibited from a steel mast, painted white, erected on the coast south-eastward of Pedro point; it has been placed on the Chart in approximately lat.  $9^{\circ} 49' 30'' N.$ , long.  $80^{\circ} 16' E.$  (Notice No. 114 of 1901.)

*This Notice affects the following Admiralty Charts:—Cape Comorin to C conada, No. 828; Palk strait, No. 68a; Ceylon, east coast, No. 2031; point Pedro to Delit island, No. 2197: Also, List of Lights, part VI, 1900, page 48; and Bay of Bengal Pilot, 1892, page 94.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901

C. B. BAYLEY,  
Asst. Secy., Marine Department

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 66.

[Second Publication.]

## EASTERN ARCHIPELAGO—BANKA STRAIT.

*Banju Asin—Buoy replaced by light buoy.*

THE British Admiralty has given notice (No. 118 of 1901) that the white nun buoy surmounted by a ball, moored about  $2\frac{1}{2}$  miles to the southward of Tanjong Api api, Banju Asin, has been replaced by light buoy, painted white, and exhibiting a *white occulting* light every *thirty seconds*. (Notice No. 118 of 1901.)

Approximate position, lat  $2^{\circ} 15' S.$ , long  $104^{\circ} 51' E.$

*This Notice affects the following Admiralty Charts:—Gaspard and Banka straits No. 2149; Banka strait to Singapore, No. 2757; Also, China Sea Directory, vol. I., 1896, page 400, and Supplement, 1899, page 35.*

E. J. BEAMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 67.

[Second Publication.]

## EASTERN ARCHIPELAGO—SUMATRA, NORTH EAST COAST.

*Babalan channel—Alteration in buoyage.*

THE British Admiralty has given notice (No. 120 of 1901) that the following alterations have been made in the buoyage of Babalan channel:—

1. The light buoy exhibiting a red fixed light at the entrance to Babalan river has been replaced by a light buoy painted black, exhibiting a *white occulting* light every *thirty seconds*.  
Approximate position, lat.  $4^{\circ} 6' N.$ , long.  $98^{\circ} 19' E.$
2. The white nun buoy with lantern attached has been replaced by a light buoy painted white and exhibiting a *white fixed* light. (Notice No. 120 of 1901.)

Approximate position, lat.  $4^{\circ} 8' N.$ , long.  $98^{\circ} 20' E.$

*This Notice affects the following Admiralty Chart:—Diamond Point to Pulo Berhala, No. 1553; Also, China Sea Directory, vol. I., 1896, page 78; and Supplement, 1899, page 7.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 68.

[Second Publication.]

## INDIA, WEST—KATHIAWAR COAST.

*Dwarka point new light.*

THE following Notice to Mariners (No. 11 of 1901), issued by the Bombay Government, is republished for general information in continuation of No. 62, dated the 3rd instant, issued by this office:—

Further information has been received from the Resident at Baroda, dated 21st February 1901, that the Dwarka Point New Light is a white double flashing light of the 4th order, showing two flashes every twenty seconds, thus: flash 1.4 seconds, eclipse 2.1 seconds; dash 1.4 seconds, eclipse 15 seconds.



It is elevated 76 feet above high water, visible in clear weather from a distance of 15 miles and is shown from a stone tower painted white with broad black band at top.

The light-house is 58 feet high.

This Notice affects the following Admiralty Charts:—*Dwarka Point to Diu Head*, No. 1420; *Gulf of Kutch*, No. 43; *Coast of Sind and Kutch*, No. 42; *Gulf of Kutch to Viazadurg*, No. 2736; *Karachi to Vengurla*, No. 826; *Arabian Sea*, No. 1012, and *Indian Ocean, Northern portion*, No. 7486; Also, *West Coast of Hindustan Pilot*, 1898, page 267; Also, *Light List, Part VI*, 1900, No. 211.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 69.

[Second Publication.]

AUSTRALIA—WIDE BAY BAR.

*Square white beacons to be kept open.*

THE Port Master, Brisbane, has given notice (No. 1 of 1901) that the square white beacons for crossing Wide Bay Bar, bearing when in line N. 88° W., must be kept open once their own width to the northward when crossing the bar. With the beacons in this position 17 feet at L.W.S. will be obtained.

*Charts affected—Nos. 1030 and 1068; Australia Directory, vol. 2.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 57.

[Third Publication.]

JAPAN—INLAND SEA.

*Harima Nada—Wreck in western approach.*

THE British Admiralty has given notice (No. 91 of 1901) that a wreck is reported to be lying sunk on the track recommended in the western approach to Harima Nada, situated with Oki shima lighthouse, bearing S. 85° W., distant nearly 19 cables, and the summit of the north end of O shima S. 5° E. (Notice No. 91 of 1901.)

Approximate position, lat. 34° 26½' N., long. 134° 5½' E.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—*Inland sea*, No. 2876; *Ozuñoi sima to Funoko sima*, No. 1969; Also, *China Sea Directory, vol. IV*, 1894, page 378.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 58.

[Third Publication.]

EASTERN ARCHIPELAGO—SURABAYA STRAIT.

*Pisangs reef buoy, replaced by light buoy.*

THE British Admiralty has given notice (No. 92 of 1901) that Pisangs reef buoy (white conical), situated about 3 miles N. 82° W. from Surabaya pier head, has been replaced by a

light buoy exhibiting a *white occulting light every forty seconds* (light *twenty seconds*, eclipse *twenty seconds*). (Notice No. 92 of 1901.)

Approximate position, lat.  $7^{\circ} 11' S.$ , long.  $112^{\circ} 41' E.$

(Variation  $2^{\circ}$  Easterly in 1901.)

This Notice affects the following Admiralty Charts:—*Surabaya strait*, No. 934; Also, *Eastern Archipelago*, part II, 1893, page 143; and Supplement, 1899, page 16.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 59.

[Third Publication.]

PACIFIC OCEAN—KURIL ISLANDS.

*Paramushiru strait—Rock and Wreck.*

THE British Admiralty has given notice (No. 93 of 1901) that a rock, with a depth over it of  $1\frac{1}{2}$  fathoms, low water, is reported to exist in *Paramushiru strait* with *Funa se* bearing  $S. 8^{\circ} E.$ , distant 17 cables, and *Kabuto yama*  $S. 25^{\circ} W.$

Approximate position, lat.  $50^{\circ} 40\frac{1}{2}' N.$ , long.  $156^{\circ} 9\frac{1}{2}' E.$

The wreck of a steam-vessel, with a depth of from 2 to 3 fathoms over it, lies sunk at a distance of three-quarters of a cable  $S. 73^{\circ} W.$  from the rock. (Notice No. 93 of 1901.)

(Variation  $1^{\circ}$  Westerly in 1901.)

This Notice affects the following Admiralty Charts:—*Plan of Paramushiru strait* on Sheet No. 2128; Also, *China Sea Directory*, vol. IV, 1894, page 639.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 60.

[Third Publication.]

JAPAN—NIPON, EAST COAST.

*Sitomura, Minne rock—Position and particulars.*

THE British Admiralty has given notice (No. 94 of 1901) of the existence of a rock named *Minne*, with a depth of 3 fathoms over it, situated with the entrance to *Sitomura* or *Shirakomura* river, bearing  $N. 42^{\circ} W.$ , distant 7 cables, and *Ooni Iwa*,  $S. 33^{\circ} W.$  (Notice No. 94 of 1901)

Approximate position, lat.  $34^{\circ} 58\frac{1}{2}' N.$ , long.  $139^{\circ} 58\frac{1}{2}' E.$

(Variation  $4^{\circ}$  Westerly in 1901.)

This Notice affects the following Admiralty Chart:—*Gulf of Tokyo*, No. 2657; Also, *China Sea Directory*, vol. IV., 1894, page 319.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

CALCUTTA, the 9th March 1901.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 61.

[Third Publication.]

JAPAN—KIUSIU WEST COAST.

*Kaki no ura sima.—Reef to the Westward.*

THE British Admiralty has given notice (No. 95 of 1901) that the 3-fathom patch, situated at a distance of 4 cables  $N. 76^{\circ} E.$  from *Imo sima* southern rock, is joined to the

south point of Kaki no ura sima by a reef of rocks with a depth of 3 feet over it. (*Notice No. 95 of 1901.*)

Approximate position, lat.  $33^{\circ} 0' N.$ , long.  $129^{\circ} 34' E.$

(*Variation  $4^{\circ}$  Westerly in 1901.*)

*This Notice affects the following Admiralty Chart:—Matsu sima to Atsusi no Ō-sima, No. 140: Also, China Sea Directory, vol. IV., 1894, page 511; and Supplement, 1898, page 28.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 62.

[Third Publication.]

INDIA, WEST—KATHEAWAR COAST.

*Dwarka point light re-exhibited, and light vessel withdrawn.*

WITH reference to Notice to Mariners No. 301, dated the 24th November 1900, issued by this office, the British Admiralty has given further notice (No. 98 of 1901) that Dwarka point light (*white fixed*) is re-exhibited, and that the native vessel exhibiting a *white fixed* light has been withdrawn.

Dwarka point light shows the characteristics given in Admiralty List of Lights, part VI, 1900, No. 211. (*Notice No. 98 of 1901.*)

Approximate position, lat.  $22^{\circ} 14' N.$ , long.  $68^{\circ} 57' E.$

*This Notice affects the following Admiralty Chart:—Dwarka point to Diu head, No. 1420: Also, List of Lights, part VI, 1900, No. 211; and West Coast of Hindustan Pilot, 1898, page 267.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 63.

[Third Publication.]

CHINA, EAST—HONGKONG.

*Wag lan fog signal—Permanently established.*

THE British Admiralty has given notice (No. 107 of 1901) that on and after 1st July 1901, the fog gun at Wag lan lighthouse will be fired *twice* in succession, with an interval of *fifteen seconds* between the reports, *every twelve minutes* during the whole period of thick or foggy weather, and not as formerly, only when a vessel's fog signals were heard. (*Notice No. 107 of 1901.*)

Approximate position, lat.  $22^{\circ} 11' N.$ , long.  $114^{\circ} 18' E.$

*This notice affects the following Admiralty Charts:—Hongkong to the Brothers, No. 1962; Macao to Pedro blanco, No. 3026; Approaches to Hongkong, No. 1180; Hongkong, No. 1466; Also, List of Lights, part VI, 1900, No. 709; China Sea Directory, vol. III, 1894, page 71, and Supplement, 1898, page 7.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.





APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, APRIL 3, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 79.

[First Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

*New light-house on Pipon island.*

THE Port Master, Brisbane, has given notice (No. 3 of 1901) that it is anticipated that on and after the 7th March the light will be exhibited from the new tower erected on South Pipon Island, particulars concerning which are given in Notice No. 12 of 1900.

Further notice will be given when the actual date is definitely fixed.

*Chart affected, 2922; Australia Directory, vol. 2.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 80.

[First Publication.]

EASTERN ARCHIPELAGO—JAWA.

*Batavia—Experimental lights exhibited near Observatory.*

THE British Admiralty has given notice (No. 151 of 1901) that occulting lights are being exhibited for experimental purposes from a temporary structure, elevated 56 feet above high water, erected near the Observatory, Batavia.

These lights, except when obscured by trees, are visible out at sea, but their character will be purposely made to differ as much as possible from the permanent light (*fixed and flashing*) on the Mole to prevent their being mistaken for it. (*Notice No. 151 of 1901.*)

Approximate position, lat.  $6^{\circ} 7\frac{1}{4}'$  S., long.  $106^{\circ} 48\frac{1}{2}'$  E.

*This Notice temporarily affects the following Admiralty Chart:—Batavia roads, No. 933; Also, List of Lights, part VI, 1901, page 81, Eastern Archipelago, part II, 1893, page 96; and Supplement, 1899, page 10.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 81.

[First Publication.]

AFRICA, NORTH-EAST—RED SEA.

*Kamaran harbour approach—Shoal in Quarantine anchorage.*

THE British Admiralty has given notice (No. 154 of 1901) of the existence of a shoal patch 100 yards long by 20 yards wide, with a least depth over it of 13 feet, in the Quarantine anchorage, Kamaran; it is situated with North point bearing S. 37° W., distant 5½ cables, and Mosque with 3 domes, N. 68° W. (Notice No. 154 of 1901.)

Approximate position, lat. 15° 21' N., long. 42° 36¼' E.

A cask, painted white, was moored temporarily in a depth of 4 fathoms on the south-east edge of the shoal.

(Variation 3° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Kamaran passage, No. 543: Also, Red Sea Pilot, 1900, page 313.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 82.

[First Publication.]

AUSTRALIA, SOUTH—SPENCER GULF APPROACH.

*Neptune island—Intended light.*

THE British Admiralty has given notice (No. 156 of 1901) that it is intended to exhibit in October next a light of the First order from a lighthouse now in course of construction on South Neptune island, Spencer gulf approach. (Notice No. 156 of 1901.)

Approximate position, lat. 35° 20' S., long. 136° 7' E.

Further Notice of the particulars of the light and date of exhibition will be given.

This Notice affects the following Admiralty Charts:—Pacific ocean, No. 780; Australia, No. 2759b; Gulf of St. Vincent, &c., No. 2389a: Also, List of Lights, part VI, 1901, No. 1063a; Australia Directory, vol. I, 1897, page 169; and Supplement, 1900, page 12.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 83.

[First Publication.]

EASTERN ARCHIPELAGO—LOMBOK.

*Ampenan road—Reef reported, river entrance closed.*

THE British Admiralty has given notice (No. 158 of 1901) that a reef (on which the depth is only 9 feet), 100 yards long N. 24° W. and S. 24° E., and 50 yards broad, is reported to exist in Ampenan road, with Ampenan lighthouse bearing S. 33° E., distant 11 cables. (Notice No. 158 of 1901.)

Approximate position, lat. 8° 23' S., long. 116° 3' E.

Depths of 10 fathoms surround this reef.  
Also, that the entrance to the South Meninting river is closed.

(Variation  $2^{\circ}$  Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Island of Java, No. 1654; plan of Ampanan road on sheet No. 895: Also Eastern Archipelago, part II, 1893, page 228; and Supplement, 1899, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 84.

[First Publication.]

AFRICA, NORTH-EAST—RED SEA—FARISAN ISLANDS.

Reef reported to the southward of Dumsuk island.

THE British Admiralty has given notice (No. 162 of 1901) that a reef is reported to exist about 7 miles south-eastward of Dumsuk island, Farisan islands, in approximately lat.  $16^{\circ} 26' 0''$  N., long.  $42^{\circ} 4' 35''$  E. A rock with less than 6 feet over it has been placed on the Chart in this position. (Notice No. 162 of 1901.)

This Notice affects the following Admiralty Chart:—Red sea, No. 8d: Also, Red Sea, &c., Pilot, 1900, page 328.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 85.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Batu islands—Reefs reported to the northward of Pulo Pinie.

THE British Admiralty has given notice (No. 165 of 1901) that the following reefs are reported to exist off the northern coast of Pulo Pinie, Batu islands:—

- a. A reef, with a depth of 4 fathoms on it, situated with Batu Belobang bearing S.  $38^{\circ}$  W., distant 8 miles, and northern extreme of Pulo Pinie S.  $70^{\circ}$  E.

Approximate position, lat  $0^{\circ} 15' N.$ , long.  $98^{\circ} 35\frac{1}{2}' E.$

- b. A reef, with a depth over it of 4 fathoms, situated with Batu Belobang bearing S.  $22^{\circ}$  W., distant  $5\frac{1}{2}$  miles, and northern extreme of Pulo Pinie S.  $79^{\circ}$  E.

- c. A reef, with a depth of 4 fathoms on it, situated with Batu Belobang bearing S.  $3^{\circ}$  W., distant  $4\frac{1}{2}$  miles, and northern extreme of Pulo Pinie S.  $82^{\circ}$  E.

These reefs are each estimated to be about 8 cables in extent. (Notice No. 165 of 1901.)

(Variation  $2^{\circ}$  Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Acheh head to Tyngkok bay No. 2760: Also, China Sea Directory, vol. I, 1896, pages 323, 324.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 86.

[First Publication.]

AUSTRALIA—VICTORIA.

*Port Phillip entrance, west channel—Alteration in buoyage.*

WITH reference to Notice to Mariners No. 43, dated 16th February 1901, issued by this office, the British Admiralty has given further notice (No. 168 of 1901) that the alteration in the buoyage and lighting of the West channel to port Phillip has been effected, and that consequent thereon:—

Port Hand buoys.—The character of these buoys remains as before (black can), except that the light-buoy marking the southern end of Swanspit having been replaced by a black can buoy is now marked No. 3, and the buoys to the northward of it have in consequence been respectively renumbered 5, 7, 9, in place of their original numbers 3, 5, 7.

Middle Ground buoys.—The light-buoy marking the south-western end of Royal George shoal has been painted in red and white horizontal bands and is named No. 1 Royal George gas buoy.

Approximate position, lat.  $38^{\circ} 16' S.$ , long.  $144^{\circ} 41\frac{1}{2}' E.$

The light-buoy marking the north-eastern end of the same shoal has been painted in red and white horizontal bands and named No. 2 Royal George gas buoy.

The starboard hand-buoys remain as before.

The white occulting light has been established on Popes eye fort, and will be known as No. 2 gas beacon. (*Notice No. 168 of 1901.*)

*This Notice affects the following Admiralty Chart:—Port Phillip entrance, Nos. 1171a, 2747a; Also, Australia Directory, vol. I, 1897, pages 448, 449; and Supplement, 1900, page 17.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 87.

[First Publication.]

CHINA—YANG TSE KIANG.

*Tsung ming crossing—Decreased depths.*

WITH reference to Notice to Mariners No. 310, dated the 7th December 1900, issued by this office, the British Admiralty has given further notice (No. 169 of 1901) that soundings obtained from his vessel on 31st December 1900 and 4th January 1901 indicate that the depths in Tsung ming crossing (the Swatchway to the northward of the Tsung ming bank) have decreased by about one fathom. A note to this effect has been placed on the chart. (*Notice No. 169 of 1901.*)

Approximate position, lat.  $31^{\circ} 30' N.$ , long.  $121^{\circ} 31' E.$

*This Notice affects the following Admiralty Chart:—Yang tse Kiang, No. 1602; Also, China Sea Directory, vol. III, 1894, pages 418, 419, 446; and Supplement, 1898, page 25.*

E. J. BEAUMONT, COMDR., R.I.M.,  
*Offg. Port Officer of Calcutta.*

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,  
*Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 70.

[Second Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

*Tareti island beacon destroyed.*

THE British Admiralty has given notice (No. 130 of 1901) that Tareti island beacon which has been destroyed by bad weather will not be replaced.

Tareti island is now higher than formerly, and it is proposed to plant trees on it. (Notice No. 130 of 1901.)

Approximate position, lat.  $22^{\circ} 23\frac{1}{2}'$  S., long.  $166^{\circ} 38\frac{3}{4}'$  E.

This Notice affects the following Admiralty Charts:—*New Caledonia*, No. 936b; *Uen island to St. Vincent bay*, No. 2907; *Also, Pacific islands*, vol. I, part II, 1893, page 38; and *Pacific islands*, vol. II (now in press), page 310.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 71.

[Second Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

*Nepui bay—Beacon erected.*

THE British Admiralty has given notice (No. 131 of 1901,) that a white beacon with a ball as a topmark has been erected on the one foot rock on the eastern side of the entrance to Nepui bay, port Mué. From it the beacon on Nepui peninsula bears N.  $61^{\circ}$  E., distant  $1\frac{1}{2}$  cables, and Observation rock S.  $22^{\circ}$  W. (Notice No. 131 of 1901.)

Approximate position, lat.  $21^{\circ} 20'$  S., long.  $164^{\circ} 58\frac{3}{4}'$  E.

(Variation  $10^{\circ}$  Easterly in 1901.)

This Notice affects the following Admiralty Chart:—*New Caledonia*, No. 936b; *Also, Pacific islands*, vol. I, part II, 1891, page 73; and *Pacific islands*, vol. II (now in press), page 330.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 72.

[Second Publication.]

GULF OF ADEN—ADEN HARBOUR.

*Signals made by Pilot.*

THE British Admiralty has given notice (No. 134 of 1901) that after the 1st February 1901 a blue light will be burnt by the pilot when his boat leaves the light vessel at Aden, after which he will flash a white light at frequent intervals.

These signals will show the position of the boat and facilitate the embarkation of the pilot. (Notice No. 134 of 1901.)

This Notice affects *Red Sea and Gulf of Aden Pilot*, 1900, page 350.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 73.

[Second Publication.]

EASTERN ARCHIPELAGO—MALACCA STRAIT.

*Perak river approach—Position and particulars of Rosa rock.*

WITH reference to Notice to Mariners No. 269, dated the 20th October 1900, issued by this office, the British Admiralty has given further notice (No. 138 of 1901) that Rosa rock has a depth of  $1\frac{1}{2}$  fathoms over it, low-water springs, and is situated with the islet, 163 feet (pulo Payong), bearing N.  $53^{\circ}$  W., distant 6 cables, and pulo Rembia summit S  $50^{\circ}$  W. (Notice No. 138 of 1901.)

Approximate position on Chart No. 1069, lat.  $4^{\circ} 34' N.$ , long.  $100^{\circ} 34\frac{1}{2}' E.$

(Variation  $3^{\circ}$  Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Butang group to Pulo Berhala, No. 793; approaches to Perak river, No. 1009; Also, China Sea Directory, vol. I, 1896, page 166.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 74.

[Second Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—LUZON.

*Balintang channel—Shoal soundings obtained.*

THE British Admiralty has given notice (No. 139 of 1901) that broken water was seen, and the following line of soundings obtained from the U.S.S. *New Orleans* steering to the northward in the Balintang channel, north coast of Luzon:—

150 fathoms, no bottom, in lat.  $19^{\circ} 40' N.$ , long.  $121^{\circ} 28' E.$ , then 20 fathoms hard bottom, 54 fathoms rock, 38 fathoms rock, 54 fathoms coral, and finally 100 fathoms no bottom, in lat.  $19^{\circ} 47' N.$ , long.  $121^{\circ} 26' E.$

The soundings were obtained at about equal intervals between these two positions.

The broken water may be only a tide rip, but it is possible that shoaler water exists, as this break was seen by the same vessel on a previous occasion in the vicinity. (Notice No. 139 of 1901.)

This Notice affects the following Admiralty Charts:—China Sea, No. 2661b; Luzon island, northern portion, No. 2454; Also, China Sea Directory, vol. 3, 1894, pages 228, 229; and Supplement, 1898, page 20.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 75.

[Second Publication.]

CHINA—SHAN TUNG—KYAU CHAU BAY.

*Beacons marking telegraph cable.*

THE British Admiralty has given notice (No. 142 of 1901) that two white wooden beacons, each 39 feet high, with rectangular topmarks, have been erected in Clara bay, Kyau Chau bay entrance, to mark the approximate direction of the submarine cable to Shanghai.

The exact position of these beacons is not stated, but the front beacon on the western side of the bay is elevated 88 feet above high water, and the rear beacon, elevated 269 feet above high water, is situated about  $1\frac{1}{2}$  cables N  $22^{\circ}$  E. from it.



Vessels are forbidden to anchor eastward of the two beacons in line. (*Notice No. 142 of 1901.*)

Approximate position of Clara bay, lat.  $36^{\circ} 3' N.$ , long.  $120^{\circ} 20' E.$

*This Notice affects the following Admiralty Chart:—Kyau chau bay, No. 857; Also, China Sea Directory, vol. III, 1894, page 526; and Supplement, 1898, page 28.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 76.

[Second Publication.]

CHINA—SHAN TUNG—KYAU CHAU BAY.

*Arcona islet—Light exhibited.*

THE British Admiralty has given notice (No. 143 of 1901) that a *red fixed* light, elevated 72 feet above high water, and visible from the bearing of  $N. 65^{\circ} W.$  through north and east, to  $S. 20^{\circ} E.$ , is exhibited on the islet, now named Arcona, situated  $3\frac{1}{2}$  cables  $S. 22^{\circ} E.$  from Tsin Tau pier head. (*Notice No 143 of 1901.*)

Approximate position, lat.  $36^{\circ} 3' N.$ , long.  $120^{\circ} 19' E.$

(*Variation  $3^{\circ}$  Westerly in 1901.*)

*This Notice affects the following Admiralty Charts:—Kyau chau bay, No. 857; Also, List of Lights, part VI, 1901, page 134; China Sea Directory, vol. III, 1894, page 526; and Supplement, 1898, page 28.*

F. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

# GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 77.

[Second Publication.]

PACIFIC OCEAN—CAROLINE ISLANDS.

*Suk or Pulusuk, Pozoat—Reefs and tides in the vicinity of—.*

NOTICE TO MARINERS No. 146 of 1901 issued by the British Admiralty is republished.

The following information, dated 20th November 1900, has been received from Mr. J. G. Hitchfield, commanding the schooner *Queen of the Isles*, respecting the reefs and tides in the vicinity of Suk, and Pozoat, Caroline Islands:—

- a. Mr. Hitchfield states that the Susanne reef, Pulusuk island, and the shoal reported in 1886, are connected together by a bank on which there is a depth of 12 fathoms or less. The tide is said to run strongly over this bank, the flood setting to the eastward and the ebb to the westward.

Approximate position, lat.  $6^{\circ} 55' N.$ , long.  $149^{\circ} 15' E.$

- b. The Uranie bank is said to be connected to Pozoat island.

Approximate position, lat.  $7^{\circ} 22' N.$ , long.  $149^{\circ} 25' E.$

- c. A bank, now called Hitchfield bank, with a depth over it of 11 fathoms or less, and 4 or 5 miles in diameter, was passed over in lat.  $7^{\circ} 46' N.$ , long.  $149^{\circ} 42' E.$  (*Notice No. 146 of 1901.*)

*This Notice affects the following Admiralty Charts:—Pacific, No. 781; Caroline islands, No. 980; Also, Pacific islands, vol. I, 1900, page 429.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 78.

[Second Publication.]

GULF OF ADEN—ADEN HARBOUR.

*Alteration in position of Marbut shoal light-vessel.*

THE following Notice to Mariners (No. 16 of 1901) issued by the Bombay Government is republished:—

Information has been received from the Port Officer, Aden, dated 28th February 1901, that the Ras Marbut Shoal light vessel will be shifted from its present position 600 feet N. by W. (true) on to the edge of the deep channel on March 1st, 1901.

*This Notice affects Chart No. 7, Aden and adjacent Bays, and Red Sea and Gulf of Aden Pilot, 1892, 4th Edition, page 381, and Light List, Part VI, 1900, No. 131.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 64.

[Third Publication.]

EASTERN ARCHIPELAGO—CELEBES.

*Wowoni strait—New reefs.*

THE British Admiralty has given notice (No. 111 of 1901) of the existence of a reef, with a depth of  $2\frac{1}{2}$  fathoms over it, situated between West Tweeling reef and Lange reef, Wowoni strait. Also, that there are several reefs between Lange reef and the coast of Wowoni island; the proper route therefore through Wowoni channel lies between West Tweeling reef and the coast of Celebes. (Notice No. 111 of 1901.)

Approximate position of West Tweeling reef, lat.  $4^{\circ} 12\frac{1}{2}'$  S., long.  $122^{\circ} 54\frac{1}{2}'$  E.

*This Notice affects the following Admiralty Chart:—Wow ni strait, on sheet No. 2196: Also, Eastern Archipelago, part II, 1893, page 358; and Supplement, 1899, page 57.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 65.

[Third Publication.]

INDIA, SOUTH—CEYLON, NORTH COAST.

*Pedro point—Light exhibited.*

THE British Admiralty has given notice (No. 114 of 1901) that a red fired light (dioptric, 5th order), elevated 60 feet above high water, and visible in clear weather from a distance of 7 miles, has been exhibited from a steel mast, painted white, erected on the coast south-eastward of Pedro point; it has been placed on the Chart in approximately lat.  $9^{\circ} 49' 30''$  N., long.  $80^{\circ} 15'$  E. (Notice No. 114 of 1901.)

*This Notice affects the following Admiralty Charts:—Cape Comorin to Cocanada, No. 828; Palk strait, No. 68a; Ceylon, east coast, No. 2031; point Pedro to Delft island, No. 2197; Also, List of Lights, part VI, 1900, page 48; and Bay of Bengal Pilot, 1892, page 94.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 66.

[Third Publication.]

## EASTERN ARCHIPELAGO—BANKA STRAIT.

*Banju Asin—Buoy replaced by light buoy.*

THE British Admiralty has given notice (No. 118 of 1901) that the white nun buoy surmounted by a ball, moored about  $2\frac{1}{2}$  miles to the southward of Tanjong Api api, Banju Asin, has been replaced by light buoy, painted white, and exhibiting a white occulting light every thirty seconds. (Notice No. 118 of 1901.)

Approximate position, lat  $2^{\circ} 18' S.$ , long  $104^{\circ} 51' E.$

*This Notice affects the following Admiralty Charts:—Gaspar and Banka straits No. 2149; Banka strait to Singapore, No. 2757; Also, China Sea Directory, vol. I., 1896, page 400, and Supplement, 1899, page 35.*

E. J. BEAMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 67.

[Third Publication.]

## EASTERN ARCHIPELAGO—SUMATRA, NORTH EAST COAST.

*Babalan channel—Alteration in buoyage.*

THE British Admiralty has given notice (No. 120 of 1901) that the following alterations have been made in the buoyage of Babalan channel:—

1. The light buoy exhibiting a red fixed light at the entrance to Babalan river has been replaced by a light buoy painted black, exhibiting a white occulting light every thirty seconds.  
Approximate position, lat.  $4^{\circ} 6' N.$ , long.  $98^{\circ} 19' E.$
2. The white nun buoy with lantern attached has been replaced by a light buoy painted white and exhibiting a white fixed light. (Notice No. 120 of 1901.)

Approximate position, lat.  $4^{\circ} 8' N.$ , long.  $98^{\circ} 20' E.$

*This Notice affects the following Admiralty Chart:—Diamond Point to Pulo Bernala, No. 1353; Also, China Sea Directory, vol. I., 1896, page 78; and Supplement, 1899, page 7.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 68.

[Third Publication.]

## INDIA, WEST—KATHIAWAR COAST.

*Dwarka point new light.*

THE following Notice to Mariners (No. 11 of 1901), issued by the Bombay Government, is republished for general information in continuation of No. 62, dated the 3rd instant, issued by this office:—

Further information has been received from the Resident at Baroda, dated 21st February 1901, that the Dwarka Point New Light is a white double flashing light of the 4th order, showing two flashes every twenty seconds, thus: flash 1.4 seconds, eclipse 2.1 seconds flash 1.4 seconds, eclipse 1.5 seconds.



It is elevated 76 feet above high water, visible in clear weather from a distance of 15 miles and is shown from a stone tower painted white with broad black band at top.

The light-house is 58 feet high.

*This Notice affects the following Admiralty Charts:—Dwarka Point to Diu Head, No. 1420; Gulf of Kutch, No. 43; Coasts of Sind and Kutch, No. 42; Gulf of Kutch to Viziadurg, No. 2736; Karachi to Vengurla, No. 826; Arabian Sea, No. 1012, and Indian Ocean, Northern portion, No. 7486; Also, West Coast of Hindustan Pilot, 1898, page 267; Also, Light List, Part VI, 1900, No. 211.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

#### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 69.

[Third Publication.]

AUSTRALIA—WIDE BAY BAR.

*Square white beacons to be kept open.*

THE Port Master, Brisbane, has given notice (No. 1 of 1901) that the square white beacons for crossing Wide Bay Bar, bearing when in line N. 88° W., must be kept open once their own width to the northward when crossing the bar. With the beacons in this position 17 feet at L.W.S. will be obtained.

*Charts affected—Nos. 1030 and 1068; Australia Directory, vol. 2.*

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th March 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



APPENDIX TO

# The Calcutta Gazette.

WEDNESDAY, APRIL 10, 1901.

## NOTICES TO MARINERS.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 88.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

*Rang on river entrance—China Bakir light to be re-exhibited.*

WITH reference to Notice to Mariners No. 220, dated the 10th September 1900, issued by this office, the Bombay Government has given notice (No. 21 of 1901) that the China Bakir Light (particulars as per No. 365 in Admiralty List of Lights, Part VI, 1900) will be re-exhibited on or shortly after 1st May 1901.

*This Notice affects the following Admiralty Charts:—Rangoon River and approaches No. 833; Koronge Island to White Point, No. 823; Bay of Bengal, No. 70, and Indian Ocean, North Portion, No. 748-b: Also, Bay of Bengal Pilot, 1892, page 321: Also, List of Lights, Part VI, 1900.*

E. J. BEAUMONT, COMDR., R.I.M.,

*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,

*Asst. Secy., Marine Department.*

CALCUTTA, the 2nd April 1901.

### GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 89.

[First Publication.]

INDIA, WEST—BOMBAY COAST.

*Derelict north-westward of Prongs light-house.*

THE Bombay Government has given notice (No. 22 of 1901) that the Master of S.S. *Dumra* reports the derelict of a native craft, bottom up, in latitude  $19^{\circ} 8' N.$ , longitude  $72^{\circ} 24\frac{1}{2}' E.$ , N.  $55^{\circ} W.$ , distance 26 miles from Prongs Light-house, and is drifting south-east 22 miles per diem.

*Caution.*—Vessels bound for Karachi should keep a good look-out for the derelict.

E. J. BEAUMONT, COMDR., R.I.M.,

*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,

*Asst. Secy., Marine Department.*

CALCUTTA, the 2nd April 1901.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 90.

[First Publication.]

INDIA, WEST—BOMBAY COAST.

*Aguada (Goa) light—Temporary alteration in character.*

THE Bombay Government has given notice (No. 23 of 1901) that telegraphic information has been received from the Chief Secretary to the Governor-General of Goa, Portuguese India, that during the repairs to the revolving light at Aguada a fixed white light will be exhibited until further notice.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd April 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 91.

[First Publication.]

CHINA SEA—TONG KING GULF—APPROACHES TO HAIFONG.

*Canal between Kua Nam Trieu and Kua Kam Lights.*

THE British Admiralty has given notice (No. 171 of 1901) that Kua kam and Kua nam trieu are now connected by a canal cut through Dinh vu peninsula, the entrances of the canal being marked by two dioptric lights of the 6th order, as follows:—

1. The eastern entrance light is *white fixed* with a *red sector* elevated 30 feet above high water: the *red sector* is visible from the bearing of S. 58° W., through south, to S. 32° E. The light is shown from a pile structure, 52 feet high, painted red, erected in approximately lat. 20° 51' 0" N., long. 106° 44' 55" E., on chart No. 775.
2. The western entrance light is *white fixed*, elevated 32 feet above high water, and visible from the bearing of N. 85° W., through north and east, to S. 45° E.; it is shown from a pile structure 44 feet high, painted red, erected in approximately lat. 20° 51' 20" N., long. 106° 44' 5" E., on chart No. 775.
3. The green light exhibited formerly near this position has been discontinued. (Notice No. 171 of 1901.)

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Approaches to Haifong, No. 775: Also, List of Lights, part VI, 1901, page 114; and China Sea Directory, vol. II, 1899, pages 441, 445.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 92.

[First Publication.]

CHINA SEA—CARIMATA STRAIT.

*Wreck reported.*

THE British Admiralty has given notice (No. 173 of 1901) that a wreck, with a portion of the hull and a mast standing 30 feet above water, has been reported independently by the Masters of two British Steam vessels as lying sunk in Carimata strait in approximately lat. 2° 34' S., long. 109° 9' E. (Notice No. 173 of 1901.)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941a; Carimata strait, No. 2160: Also, China Sea Directory, vol. I, 1896, page 478.

E. J. BEAUMONT, COMDR., R.I.M.,  
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,  
Asst. Secy., Marine Department.



## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 93

[First Publication.]

## EASTERN ARCHIPELAGO.—BORNEO, NORTH-WEST COAST.

*St. Pierre island—Intended light.*

THE British Admiralty has given notice (No. 174 of 1901) that it is intended to exhibit a *white flashing* light of the 4th order, on St. Pierre or Petrus island, which will show *one flash* of short duration *every five seconds*, and be visible from a distance of 27 miles.

During May 1901 a temporary *white fixed* light will be exhibited, pending the completion of the permanent light.

Approximate position, lat.  $1^{\circ} 53\frac{3}{4}'$  N., long.  $108^{\circ} 39'$  E.

Further notice will be given when information has been received that the permanent light has been exhibited. (*Notice No. 174 of 1901*)

*This Notice affects the following Admiralty Charts:—China Sea, No. 2660a; South Natuna islands, No. 2104; Also, List of Lights, part VI, 1901, page 94; and China Sea Directory, vol. II, 1899, page 81.*

E. J. BEAUMONT, COMDR., R.I.M.,

*Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 4th April 1901.

*Asst. Secy., Marine Department*

## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 94.

[First Publication.]

## EASTERN ARCHIPELAGO.—BORNEO, SOUTH-EAST COAST.

*Petang point, Pulo Laut strait—Intend-d light.*

THE British Admiralty has given notice (No. 175 of 1901) that it is intended to exhibit a *white flashing* light of the 5th order on point Petang, Pulo Laut strait, which will show *one flash* of short duration *every five seconds*, and be visible from a distance of 14 miles.

During May 1901, a *white fixed* light will be provisionally exhibited pending the completion of the permanent light.

Approximate position, lat.  $3^{\circ} 37'$  N., long.  $115^{\circ} 57'$  E.

Further Notice will be given when information has been received that the permanent light is exhibited. (*Notice No. 175 of 1901.*)

*This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941b; Australia, Northern portion, No. 2759a; straits of Makassar, No. 2637; Pulo Laut strait, on Sheet No. 2662; Also, List of Lights, part VI, 1901, page 92; Eastern Archipelago, part II, 1893, page 309; and Supplement, 1899, page 34.*

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C. B. BAYLEY,

CALCUTTA, the 4th April 1901.

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## GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 95.

[First Publication.]

## AUSTRALIA—QUEENSLAND.

*Fitzroy river entrance—Depth, lights.*

THE British Admiralty has given notice (No. 176 of 1901) that the depth in the channels on the line of the leading lights between Middle sand and Mackenzie sand, Mackenzie island and Flat island, has been increased by dredging to 17 feet L. W. S. for a breadth of 300 feet.